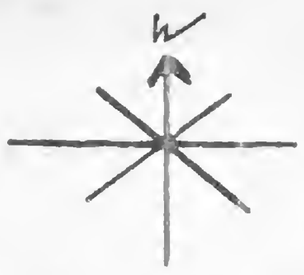
Noon Position: 0-56 N; 177-29 W

SI-MNH-958e
7-28-64

SMITHSONIAN INSTITUTION
DIVISION OF BIRDS
AT SEA DAILY LOG — E

DATE 1 Mar 1966
Pg.# 1



time	species	#	dir.	hgt.	remarks	loc.
0715					Watch Commenced-leaving Howland Island Course 280°	
0722	Sooty Tern	1	S		Ad.	
0726	W-R Storm Petrel	1	W			
0730	Storm Petrel	1	N		Looked gray?	
0733	Sooty Tern	5	S		Ad.	
	"	3	W		"	
	Blue-f. Booby	1	E		Ad	
0739	Sooty Tern	2	SW		Ad.	
0742	"	1	W		Ad	
0745	" "	4	W		ad's.	
0804	"	1	E		Ad.	
0812	Bulwer's Pet	1	N			
0813	Sooty Tern	1			ad.	
0820	W-R-Storm Pet	1				
0826	Fairy Tern	1	N			
0832	Bulwer's Pet	1	NE			
0835	Fairy Tern	2				
CC 0842	Sooty Tern	2			Ad.	
0842	Shear/Petrel	1	E			
0846	Blue-f. Booby	1			Ad. (wounded)	
0850	Sooty Tern	1	E		ad	
0916	W-R Storm Pet	1	N			
0925	" " "	1				
0928	Sooty Tern	3			ad's fish jumping	
0932	W-R Storm Pet	2	S			
0933	Bulwers Pet	1			in front of rain squall.	
0934	W T T B	1			on H2O.	
0935	W-R Storm Pet	1	E			
0940	" " "	1	E			
0941	Sooty Tern	4			feeding in front of rain squall.	
0954	Bulwers Pet	1	N			
0955	W R Storm Pet	1	E			
1605	Sooty Tern	2	NW		Ad	
1048	W.R. Storm Pet	2				
1116	Sooty Tern	2	SE		Ad	
1123	W.R. Storm Pet	2	E			
1128	" " "	1				
1132	Sooty Tern	1	N			

Noon Position: 0-56 N; 177-25 W

SI-MNH-958e
7-28-64

SMITHSONIAN INSTITUTION
DIVISION OF BIRDS
AT SEA DAILY LOG — E

DATE 1 Mar 1966
Pg.# 2

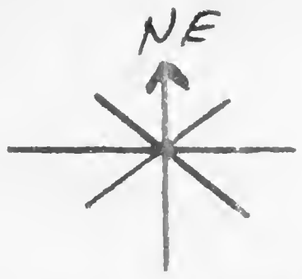
	time	species	#	dir.	hgt.	remarks	loc.
	1150	Blue-f. Booby	1	W		ad	
		Bulwer's Petrel	1	O			
	1157	"	1	NE			
	1220	W-R Storm Pet	1	W			
	1252	Sooty Tern	2	W		ad's.	
	1257	Bulwer's Pet	1			on H2O.	
	1305	" "	1	E			
	1310	" "	2				
	1325	W-R Storm Pet	3			2 on H2O	
C	1328	B F B	1			coll. 25c subad. Not Banded	
	1337	Shear-Pet	1	E		storm pet or Bulwer's.	
	1341	W R Storm Pet	1	E			
	1343	W R Storm Pet	2			all together.	
		Bulwer's Pet	2				
	1347	Bulwer's Pet	1	W			
	1350	" "	1	E			
	1359	W-R Storm Pet	1	W			
	1402	Brown Booby	1	N		ad.	
	1405	Wedgetail	1	W		dark phase	
	1405					2 large rain squalls; 1 W, 1 S	
	1413	Bulwers P.	1	E			
	1415	"	1	W			
	1416	Wedgetail	1	W		light phase	
	1421	Bulwers	1	SW			
C	1425	"	2			sitting on H2O (1 coll BAM.)	
	1430					Change course to NE	
	1435					Ship entering rain squall.	
	1443	Bulwers	1	E			
	1512					Porpoise or whale	
	1517	Bulwers	3			sitting on H2O	
C	1520	"	2	NE		1 coll (B.S.I.)	
	1529	Brown boob.	1	NW		adult	
	1531	W.-R. Storm Pt.	2	NE			
	1540	"	1	NE			
	1543	Bulwers	2	E			
	1544	"	1	NE			
	1549	W. R. Storm Pt.	1	NW			
	1554	Bulwers Pet	1	E		were sitting on H2O & flushed.	
TF	1600	Sooty Tern	6	O		Ad.	
	1613	Bulwers Pet.	1	O		Dropped after shot but along way away	
	1619	"	1	O			

Noon Position: 0-56 N, 177-24 W

SI-MNH-958e
7-28-64

SMITHSONIAN INSTITUTION
DIVISION OF BIRDS
AT SEA DAILY LOG — E

DATE 1 Mar 1966
Pg.# 3



	time	species	#	dir.	hgt.	remarks	loc.
	1622	R-T Tropicbird	1	NE			
	1630	Bulwers Pet.	1	E			
	1640	W-R Storm Pet.	1	◎			
	1706	Bulwers Pet.	1	NE			
	1710	W.R. Storm Pet.	1	NE			
	1711	Bulwers Pet.	1	SE			
C	1720	"	4	SE		— I collected Thompson	
	1734	"	1	S			
	1741	"	2	SE			
	1745	"	1	NE			
	1755	Wedge-tail S.	1	◎		— white phase	
		Bulwers Pet	2	SE			
C		R.T. Tropicbird	1			— coll. Thompson	
	1810	W.R. Storm Pet	1	◎			
	1815	"	1	◎			
		Bulwers Pet	1	◎			
	1824	" "	1	SE			
	1829	" "	1	SE			
	1844	" "	1	SE			
	1850	" "	1	SE			
	1855	W.R. Storm Pet.	1	◎			
	1905					— Sunset	

Midnight Position: 1-51 N; 176-59 W

SI-MNH-958e
7-28-64

SMITHSONIAN INSTITUTION
DIVISION OF BIRDS
AT SEA DAILY LOG — E

Nocturnal

DATE 1, 2 March 1966
Pg. # 1

time	species	#	dir.	hgt.	remarks	loc.
1905					sunset - begin observations	
2120	Sooty Tern	1			circling above ship	
2320	Shear-Pet	1			made pass beside ship, dark dorsally, white breast, probably a light wedgetail.	
0225	Sooty Tern	1	S W			
0415	Sooty Tern	2	—		Hd - high overhead	
0517	" "	1			one adult, other not positive as to age. ↑ wide-awake call.	
0526	Bird	1			high over ship. Gave a single-note, very soft call barely audible.	
0654	Storm Pet	1	E		flew high over ship; silent. light below.	
0653					sunrise - closed nocturnal observations	

Noon Position: 1-21N; 176-40W

SIC 11

SI-MNH-958e
7-28-64

SMITHSONIAN INSTITUTION
DIVISION OF BIRDS
AT SEA DAILY LOG — E

DATE 2 March 1945
Pg.# 1

	time	species	#	dir.	hgt.	remarks	loc.
	0655					sunrise - begin diurnal observations	
	0700	Bulwer's Pet.	1	NE			
	0706	RTTB	1	SE		immature	
	0723	Wedge-tail	1	W		light Phase	
	0731					3 whales heading N ~ 12'-15' long	
	0732	Sooty Tern	2	S		1 adult, 1 immature	
	0735					6 whales heading S	
	0736					heading West	
FF	0820	Audubon's S.	1				
		Wedge Tail S.	4			Dk Phase	
		Sooty Tern	50			49 Ad / 1 Imm } over fish	
FF	0825	Sooty Tern	47			1 Imm 46 Ad. } no fish seen	
		Wedge-Tail S.	2			Dk phase	
FF	0910	Sooty Tern	28			Ad. No fish seen	
	0917	Pterodroma hypoleuca (Fide RSC)	1	N		Resembled P. inexpectata but belly not seen clearly. Might also have been P. hypoleuca or P. cookii. Whose confused?	
	0925	Fairy Tern	2			Feeding	
	1025	WR Storm Pet	1	N		engines stop oil slick put out	
	1035						
C	1055	BFB	1			coll. Hughes Skiff — 757 65 & 74 Phoenix I. Rain squall.	
	1115	sooty/slender-billed	1	N		dark underwing.	
C	1120	Leach's S.P.	1			collected over stern	
C	1125	" "	1			" " "	
	1140	Bulwer's Pet	3				
	1150	FF Petrel	1				
	1151	Bulwer's Pet	1			in front of rain squall	
	1210	W.R. Storm Pet	1				
	1226	" " "	1				
	1240	" " "	1				
	1242	Short-Pet	1	W			
	1300					underway again almost!!	
	1322	BFB	1	NW		Ad.	
	1330	BFB	1			Ad	
C	1342	BFB	1			coll Ad 757-67114 Enderbury Nov 64	
	1347	BFB	1			Ad	
	1420	"	1			ad. sitting on H2O.	
	1427	Red Foot B.	1				
	1437	BF Booby	1	S		Sub adult	

Squalls

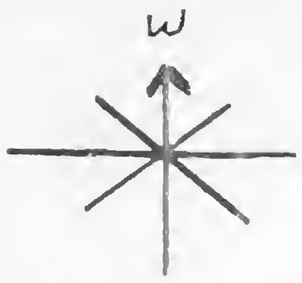
Noon Position: 1-21 N; 176-40 W

Slc 11

SI-MNH-958e
7-28-64

SMITHSONIAN INSTITUTION
DIVISION OF BIRDS
AT SEA DAILY LOG — E

DATE 2 March 1966
Pg.# 2



	time	species	#	dir.	hgt.	remarks	loc.
	1450	BFB	1			feeding. Adult.	
	1455	"	1			ad.	
C	1455	Wedgetail	1.	E		light ~~dark~~ coll (BAH)	
	1520	Bulwers	1				
	1530					rain squalls to S and E.	
	1605	Sooty Tern	4				
		BFB.	1			Feeding	
	1615	W.R Storm Pet	1				
	1640	Sooty Tern	1				
	1714	W.R. Storm Pet.	1	S			
	1715	WR. Storm Pet	1	N			
	1724	"	1	S			
	1728	Bulwers Pet	1	S			
	1740	"	1	S			
	1741	Bulwers	4	~~S~~		sitting on water	
	1743	W.R Storm pet	4	~~S~~		sitting on H_2O	
	1743	Bulwers Pet	1	N			
C	1751	~~BFB~~ Leaches Storm Pet	1			collected Lewis & Smith	
	1759	BFB	1			Banded # 8 band Sub Ad not coll.	
	1801	W.R Storm Pet	1				
	1802	WR Storm Pet	1	W			
	1803	Bulwer's Pet	1	NW			
	1905					sunset	
	1913						

Midnight Position: 0-06S · 178-05W

SI-MNH-958e
7-28-64

SW

SMITHSONIAN INSTITUTION
DIVISION OF BIRDS
AT SEA DAILY LOG — E

Nocturnal

2-3
DATE 23March 1966
Pg.# 1

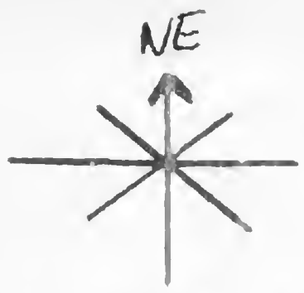
time	species	#	dir.	hgt.	remarks	loc.
1905					sunset	
1913	w-t shear	1	SE		dark phase	
1932	Tropicbird sp.	1	SW			
2046	w-T Tropicbird	1	NE			
2050	w-R storm Pet	1	NW			
2135	Sooty Tern	1	?			
2155	Bird	1	NE			
2225					started Drifting in rain squall	
	Sooty Tern	1	◎			
	Shearwater/Pet.	1	◎			
	Bird	1	◎			
2246					Rain ended returned to cruising	
2255	Bird	1	NE			
0351	Sooty Tern	1	◎			
0400					change course to 050°	
0643	BTTB	1	E		Ad	
0658					Sunrise end Obs.	

Noon Position: 00-00—; 176-48W

SI-MNH-958e
7-28-64

SMITHSONIAN INSTITUTION
DIVISION OF BIRDS
AT SEA DAILY LOG — E

DATE 3 March 1966
Pg.# 1



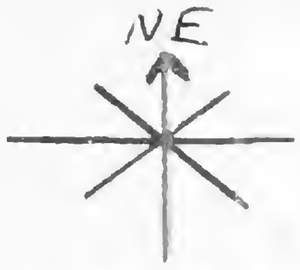
	time	species	#	dir.	hgt.	remarks	loc.
	0658					Sunrise	
	0713	W.R. Storm Pet	1	~~W~~		Tuna jumping nearby	
	0720	Sooty Tern	1	NE		Ad	
	0724	Sooty Tern	1	SW		Ad	
	0800	" "	1	S		ad	
	0807	white-rump storm pet	1	NE			
	0847	Red-Foot Bobo	1	SW			
	0851	white-rump S.P.	1	NE			
	0902	Sooty Tern	1	N			
	0925	" "	3	NW			
	0925	golden Plov.	1	N			
	0925	White-rump S.P.	1	NE			
	0925	" " "	3	NE			
	0938	Bulwer's	1	NE			
C	1020	Leach's Storm Pet	1	~~O~~		Thompson	
	1030	WT Bird	1	W			
	1052	W.R. Storm Pet.	1			on water	
	1116	"	3	~~O~~			
	1135	Bulwer's Pet	1	~~O~~			
	1150	"	1	N			
		W.R Storm Pet.	1	N			
	1158	Bulwers	1	N			
	1159	C.I. Shor	1	N			
C	1245	Sooty Tern	30	+		Himm rust Ad. — 1 call	Hunted Feeding
		BFB	5			2 SA 3 Ad.	
		RFB	1			5. Dark.	
		Bulwers Pet	1				
	1315	W.R. Storm Pet	1	NE			
	1320	" " " "	2	~~O~~			
C	1335	Leaches Storm Pet	1	~~O~~		call Hunted	
	1339	W.R. Storm Pet	2	~~O~~			
	1344	Sooty Tern	2	~~Ad~~ N		Ad	
	1355	W.R. Storm Pet	1	~~O~~		Sighted by Capt Knull	
	1400					Launched skiff ship stopped oil slick out.	
	1415	white-rumped Storm Pet	1			on slick	
C		Leaches S.P.	1			collected. slick Hunted	
C	1430	Bulwer's Pet	1			collected over slick Hunted	

Noon Position: 00-00 — ; 176-48W

SI-MNH-958e
7-28-64

SMITHSONIAN INSTITUTION
DIVISION OF BIRDS
AT SEA DAILY LOG — E

DATE 3 March 1966
Pg.# 3



	time	species	#	dir.	hgt.	remarks	loc.
c	1445	Sooty tern	3			ab over slick 1 coll. Held	
	1445					2 sharks around ship - white tipped dorsal fins - 1 killed RSC.	
	1530					pick up skiff — ship moves out	
	1542	Bulwer's Pet	1	E			
	1546	BFB	1			ad	
	1600	Sooty Tern	3			feeding	
	1615	BFB	1	NE		adult	
	1616	Sooty Tern	1	NE			
	1629	Sooty Tern	1			adult Baker Island in sight.	
	1632	Golden Plover	1	NE			
	1633	Sooty Tern	1				
	1648	BFB	2	NE		Ad	
	1652	sooty tern	2	E			
	1710	BFB	1	N		adult	
	1715	Frigates	13			feeding + soaring	
	1721	BFB	1	SW			
	1730	W-R Storm Pet	1				
	1739	"	1				
	1747	shear/pet	1				
	1809	W-R Storm Pet	1	E			
	1810	"	1	NE			
	1817	Bulwers	1	E			
	1825	W-R Storm Pet	1	E			
	1827	Wedgetail	1	NE		dark	
	1829	W-R Storm Pet	1	NE			
	1832	"	1	NE			
	1834	B. F. Booby	1			following ship.	
	1857					sunset.	

Midnight Position: 0-18 N; 176-00 W

sic 11

SI-MNH-958e
7-28-64

E

SMITHSONIAN INSTITUTION
DIVISION OF BIRDS
AT SEA DAILY LOG — E

NOCTURNAL

DATE 3-4 March 1966
Pg.# 1

time	species	#	dir.	hgt.	remarks	loc.
1852					Sunset.	
1910	Bulwers	1	E			
1920	BF B	1			circled ship.	
2029	Sooty Tern	1	—			
2045	Tern sp.	1			probably sooty.	
2108	Sootyterm	1	NW		calling.	
2131	WTTB	1			blew off H2O	
2140	Shearwater	1				
2144	GB Tern	1			flying along side ship - prob. R.T.	
2158	Tropicbird sp.	1	E		identified by call.	
2200					change course to SW	
2208	sooty Tern	1	E		ad.	
c 2225	Red-foot B	1			imm - c f. BSC.	
2240	Soty Tern	1	W		calling.	
2345	R-f Booby	1				
0020	Booby	1				
0045	"	1				
0100	Tropicbird	1			Calling	
0101	Sooty Tern	1			"	
0204	"	1			Calling	
0232	Bird	1			Calling	
0242	Bird	1			Probably a shearwater / Petrel	
0410	Shear-Pet	1				
0500	Sooty Tern	3				
0530	Shear-Pet	1				
0645					heading 195°	
0651	Shear/Pet	1				
0654					sunrise	

Noon Position: 0-55 S; 177-01 W

SI-MNH-958e
7-28-64

SSE

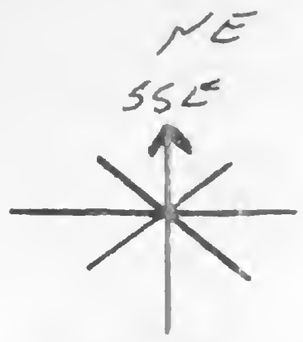
SMITHSONIAN INSTITUTION
DIVISION OF BIRDS
AT SEA DAILY LOG — E

DATE 4 March 1966
Pg.# 1

time	species	#	dir.	hgt.	remarks	loc.
0654					sunrise	
0700	W.R. Storm P.	1	W			
0711	Sooty Tern	2	NW			
0748	" "	3	SW		Ad	
0756	" "	1	E		Ad	
0844	W-R. Storm Pet	1	NW			
0847	Frigatebird sp	1	@		uphigh	
0913	W-R Storm Pet	1	SE			
0932	BFB	1	@		Ad	
0937	WTTB	1	@		SA	
0955	Sootytern	1	NW		Ad	
1015	Ruddy Tstorm	1	S			
1030	WR Storm Pet	2	@			
1043	"	1	NE			
1050	"	1	"			
1113	Sooty T.	2	NW		ad ad	TF
	Wedgetail	1	NW		light	
	Frigate	1	NW		adult ♂	
1135	Red-F. Booby	1	W			
1145	Bulwers	1	NE			
1208	WR Storm Pet	3	@			
1230	" " "	2			on H_2O	
1232	sooty tern	3	@		ad's.	
1256	W-R Storm Petrel	1	@			
1309	Bulwer's Pet	1	N			
1335	W-R Storm Pet	1	N			
1337	" " "	1			on H2O	
	Leach's S.P.	1			on H2O coll. RSL.	C
1400	W.R. Storm Pet.	1	@			
	Blue-grey Noddy	2	NE			
1410	W.R. Storm Pet	1			on H_2O	
1428	"	1			on H_2O	
1435	"	3			on H_2O	
1500	"	1	@			
1506	"	1	S			
1536	Porpoise	2				
1540	Bulwers Pet	4	@			
1552	W-R. Storm Pet.	1	SSE			
1601	" " " "	1				
1621	" " " "	1	@			

Noon Position: 0-55 S; 177-01 W

SI-MNH-958e
7-28-64



SMITHSONIAN INSTITUTION
DIVISION OF BIRDS
AT SEA DAILY LOG -- E

DATE 4 Mar 66
Pg.# 2

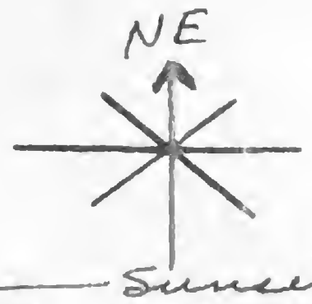
	time	species	#	dir.	hgt.	remarks	loc.
	1632	W.R. Storm Pet	1	ene		Sat on H2O for a short time	
	1635	Bulwers Pet	1	NW			
TF	1636	Sooty Tern	7	SW		Ad Traveling	
	1637	Bulwers Pet	1	W			
	1708	W.R. Storm Pet	1	ene			
1725						change course to NE	
	1727	Sooty Tern	1	SE		Ad.	
	1741	W.R. Storm Pet	1	E			
	1744	Bulwers Pet	1	NW			
	1810					launching skiff? boat stopped	
	1818	W.R. Storm Pet	1	O			
	1824	Ruddy Turnstone	1	N			
	1830	Shear/Pet.	1	N			
	1843	sooty tern	2	SW		ad's.	
	1844	W.R. Storm Pet	2	ene			
		Leach's " "	1			over slick collected thrasted skiff.	
C	1848						
	1850	Bulwer's Pet	1	N			
	1850	W-R storm Petrel	1	ene			
	1859						
	1902					sunset	

Midnight Position: 1-07 S; 176-37 W

SI-MNH-958e
7-28-64

SMITHSONIAN INSTITUTION
DIVISION OF BIRDS
AT SEA DAILY LOG — E

DATE 4-5 March
Pg.# 1



1902 — Sunset begin Nocturnal

time	species	#	dir.	hgt.	remarks	loc.
1902	WT Shearwater	1	O		— ~~Large~~ dark phase already dark	Ship drifting all night. Bright moonlight.
1904	WR Storm Pet	1	O			
1920	" " "	1				
1930	" " "	1			on slick.	
1955	Sooty Tern	1			calling over head	
2045	Ruddy Turns.	1				
2055	WR Storm Petrel	1				
2100	Golden Plov	2			circling ship.	
2110	WR Storm Pet	1				
2130	"	1				
2140	"	1			coll but eaten by shark.	
2200	"	1			circle ship.	
2222	Bird	1			shorebird or stormpet.	
2230	Storm Petrel	1				
2240	Audubon's Shear.	1				
2241	Bulwer's Pet.	1				
2300	W-R. Storm Petrel	1				
2307	"	1				
2325	"	1				
2330	Bird	1				
2335	W-R. Storm Pet	2				
2342	"	1				
0022	wt shear	1	SE		light phase	
0049	Sooty Tern	1	O		call only	
0054	" "	1	SE		adult	
0105	" "	1	SE		adult	
0113	" "	1	SE			
0116	Shear/Pet	1	O		light belly	
0132	" "	1	NW		light belly	
0159	Sooty Tern	1	SE			
0252	" "	2	SE		calling	
0343	Fairy Tern	1				
0350	Golden Plover	1	N			
0400					under way (stop drift miss) Heady East	
0429	Storm Pet	1			Foll ship	
					Sunrise	
0654						

40

SI-MNH-958e
7-28-64

SMITHSONIAN INSTITUTION
DIVISION OF BIRDS
AT SEA DAILY LOG — E

Noon Position: 0-38 S; 175-54 W

DATE 5 Mar 1966
Pg.# 1

time	species	#	dir.	hgt.	remarks	loc.
0654					Sunrise. Begin Diurnal obs.	
0703					change course to 053°	
0710	W.R. Storm Pet.	1	O			
C 0720	Leach's Pet	1			McT	
0820	W.R. Storm Pet	1	OCC			
0824	" " " "	1	MOD			
0826	BFB	1	OCC			
0908	Sooty Tern	2	W		S.A. Following ship Ad.	
1028	Sooty Tern	1	W		Ad.	
1110	W.R. Storm Pet	2			Sitting on water	
1112	"	1	S			
1304	Gray-back T.	1	O		Feeding	
1305	Sooty T.	3	SW		travelling	
1310	W R S Petrel	1	S			
1315	Bulwer's	1			sitting on H_2O	
1322	W-R.S. Pet.	2			" " "	
C 1325	Bulwers	1	S		Coll. (BAH)	
C 1447	Leach S Pet	1			coll. by HERYFORD	
1509	W R Stor Pet	1	E			
1613	Bulwers	2	E			
1632	W-R Storm Pet	2			Sitting on H_2O	
1640	Bulwers Pet	1	O			
1644	" "	1	SE		duals Phase	
1646	Wedgetail	1	W			
1652	Shear-Pet	1	S			
1658					Impair 1	
1712	Bulwers Pet	1	SE			
1732	" "	1	SE			
1827	Sooty Tern	1	NE		Ad	
1843	W-R Storm Pet	1	N			
1856					Sunset always Course for Carter	

END GRID #5

SI-MNH-958e
7-28-64

SIC 11

SMITHSONIAN INSTITUTION
DIVISION OF BIRDS
AT SEA DAILY LOG — E

Noon Position: 1-39S; 173-06W

DATE 6 March 1960
Pg. # 1

time	species	#	dir.	hgt.	remarks	loc.
0643					Begin Observations - Sunrise	
0658	W.T. Shearwater	1	NW		dark phase	
0708	Tern sp	1	NE			
0725	W.R. Storm Pet	1				
0733	W.R. Storm Pet	1	SE			
0742	Bulwers	1				
0742	W.R. Storm Pet	1	SE			
0744	W.R Storm Pet	1				
0759	"	1	NE			
0838	Bulwers Pet	1				
0848	W.R. Storm Pet.	1	S			
0903	"	1				
0907	"	1				
0932	"	1				
0955	"	1				
1038	Wedge tail	1	W		dark.	
1045	RTTB	1				
1052	W.R. Stormpet	1				
1056	" " " "	2				
1105	Bulwers Pet	1	SW			
1117	W.R. Storm Pet	1				
1120	Leachs Storm Pet	1			all.	
1133	W.R. Storm Pet	1				
1143	" " " "	1				
1145	W-R STORM Pet	2				
1146	Bulwers Pet	1			shot by Husted	
1220	" "	1	E			
1220					Rain squalls to S & E.	
1240					ship entering rain squall.	
1258	W-R. Stormpet	1	E			
1300					rain squall ¼ mile ahead.	
1315	Leachs Storm Pet	1	E		in light rain squall. Coll. BA11	
1310	B-G Noddy	1			circled ship.	
1330	W-R. Storm Pet	1				
1335					ship under way. Stop since 1308.	
1337	Sooty Tern	3			adults	
1340	W R Storm Pet	1	SE			
1345	"	2	E			
1347	"	2	E			
1349	"	1	NE			
1349					very large turtle	

SI-MNH-958
7-28-64

SIC 11

SMITHSONIAN INSTITUTION
DIVISION OF BIRDS
AT SEA DAILY LOG — E

Noon Position: 1-34 S; 173-06 W

DATE 6 March 1966
Pg.# 2

	time	species	#	dir.	hgt.	remarks	loc.
	1353	W-R. Storm Pet	1	—			
	1355					rain squalls to NE and S & SE	
	1358	W-R Storm Pet	1	—			
	1401	W-R Storm Pet	1	ccw			
	1406	W-R Storm Pet	1	ccw			
	1408	W-R Storm Pet	1	ccw			
	1412	Bulwers Pet	1	N			
	1439	Bulwers Pet	1	E			
	1445	W-R Storm Pet	2	ccw			
	1450	" "	1	⊙			
	1509	" "	1	SE			
	1512	Bulwers Pet	1	NW			
	1539	Shearw / Pet	1	⊙		light belly and under wings	
	1544	W-R Storm Pet	1	⊙			
C	1556	~~W-R. Storm Pet~~ Leach's Storm Pet	1			shot by F. Smith	
	1611	W-R Storm Pet	1	S			
FF	1613	Fairy Tern	6	⊙			
	~~1615~~	Sooty Tern	6				
		6-B Tern	1				
FF	1640	Sooty Tern	35-10	⊙		Some Juv.	
		6-B Tern	10				
		Fairy Tern	1				
		Audubon Shearwater	1				
		Wedge-tail	8			2 light phase 6 Dark	
		W-R Storm Pet	1				
	1650	Fairy Tern	1	S			
TF	1700	Fairy Tern	4				
		Sooty Tern	3	S		all adult	
FF	1708	Fairy Tern	10	⊙			
		Sooty Tern	39	⊙		Adult	
		Audubon's Shear	2	⊙			
FF	1735	Fairy Tern	12				
		Sooty Tern	20-5	⊙		All Adults.	
		C.N.T.	9	⊙			
		Audubon's Shear	3	⊙			
	1751	Sooty Tern	1	N		Ad	
	1757	x Nicaf Is Shear	1	E			
	1820	Sooty Tern	2	N		edge of Squall Adults.	
	1825	Fairy Tern	1	SE		" "	
	1840	X-mas Island	1	E			
	1843	W-R Storm Pet				into Squall SE	
	1846	Sooty Tern	20+			edge of Squall Adults.	

Noon Position: 2-19S; 170-26W

SIC 11

SI-MNH-958e
7-28-64

SMITHSONIAN INSTITUTION
DIVISION OF BIRDS
AT SEA DAILY LOG — E

DATE 7 March 1966
Pg.# 1

NE

Canton at midnight

	time	species	#	dir.	hgt.	remarks → X-mas	loc.
	0620					Begin observations	
	0632	Blue-F. Booby	2	N		adults	
	0637					SUNRISE	
C	0638	Frig. Greater	1	NW		call. (BAH) Imm.	
	0650	W. R Storm Pet	1	E			
	0712	BFB	2	N		adults	
	0725	Sooty Tern	1	NE			
	0725	~~W. F. Storm P~~ Bulwer's	1	NE			
	0732	WP Storm Pet	1	OK			
	0733					rain squall to XI.	
	0736	Booby	5	NW			
	0742	B.F. Booby	4	NW			
	0743	"	1	NW			
	0749	Sooty Tern	1	SW		adult	
	0753	Wedge-tail	1	SW		dark phase	
	0756	G-B Tern	1				
	0805	"	2	ENE			
	0813	B-F-Booby	1	"		Ad.	
	0815	A-T-T B	1			on H_2O	
	0840	G-B Tern	2	ENE			
	0849	R-F. Booby	1	N		Dark Adult	
	0906	B.F. Booby	1	S		Ad.	
TF	0908	sooty Tern	7	NE		ad.'s traveling	
	0915	Bulwer's Pet.	1				
C	0937	Wedge-tail S.	1			Dark Phase (MCT)	
TF	0946	Sooty Tern	6	NE		Ad.	
		R.F. Booby	1	"		Dark Phase	
	0953	white bird	1			Fairy Tern or tropicbird	
	1011	Wedge-tail	1	SE		Dark phase	
TF C	1015	Sooty Tern	13	NE		1 st call Otenis	
		Red-footed Booby	4			Imm	
		Wedge-tail Shw.	1				
	1033	Storm Pet	1	N		No white rump - Not Bulwer's all Black Tail not Forked - Seen & heard	
	1034	Frigate Sp.	2				
	1037	BFB	1			Following Ship Ad	
	1037	Wedge-tail	1			" " Dark phase	

Noon Position: 2-18S ; 170-26W

SIC 11

SI-MNH-958e
7-28-64

SMITHSONIAN INSTITUTION
DIVISION OF BIRDS
AT SEA DAILY LOG — E

DATE 7 March 69
Pg.# 2

	time	species	#	dir.	hgt.	remarks	loc.
	1100	Frigatebird sp.	1	NE	—	♀	
	1101	Wedgetail	1	NE	—	Dark Phase following ship	
	1105	Bird sp.	1				
	1122	Wedgetail	1	NE	—	Dark Phase	
	1122	Wedgetail	1	NE	—	Dark Phase	
	1123	W.R. Storm Pet	1		—	light belly light band on underwing	
FF	1126	Sooty Terns	18				
		Frigatebird sp.	2				
		Blue faced Boo	1	—	—	Imm	
		Red footed Boo	4	—	—	Imm	
		Wedgetail	2	—	—	Dark Phase	
	1132	B. faced Booby	1	NE	—	following ship	
	1143	"	1	N			
	1200	Bulwers Pet	1	W			
	1235	R. F. Booby	1				
	1249	wedgetail	2	N	—	Dark.	
CC	1320	Sooty Terns	2	—	Ad	— call (Birds)	
	1350	" "	1	NE	—	— Ad.	
	1437	WR Storm Pet	1				
	1521	" " "	1				
	1713	W-R Storm Pet	1				
	1719	Bulwer's Pet	1	E			
	1833					— sunset	

SI-MNH-958e
7-28-64

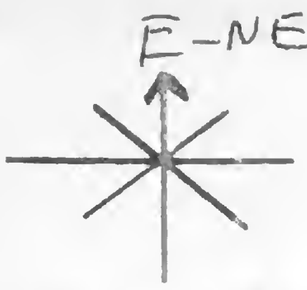
SMITHSONIAN INSTITUTION
DIVISION OF BIRDS
AT SEA DAILY LOG — E

Noon Position: 1-14 S; 167-02 W

DATE 8 March 1966
Pg.# 1

time	species	#	dir.	hgt.	remarks	loc.
0618					Sunrise	
0705	W-R Storm Pet	1				
0710	Sooty Tern	1	SW		Ad	
0735	W-R Storm Pet	1				
0737	" " "	1				
0822	shear-pet	1	SW			
0925	Storm Petrel?	1	—	—	Sighting as a whole questionable. Could have been a flying fish.	
1002	Sooty Tern	42	—	—	Searching flock 1 coll. RSC; Banded Cumberland 65	STC BC
1025	" "	2	E	ads.		
1057	" "	2	S	ad's		
1143	W-R Storm Pet	1				
1230					closed observations to become "shell back" after crossing equator five previous times. "Father, forgive them, for they no not what they do." — "Like Hell we don't"	
1330					Begin observations "Ho Daddy" I've seen rougher initiations for the Brownies	
1409	Bulwer's Pet	1				
1524	W.R. Storm Pet	1	—	—	Sitting on water	
1536	Wedgetail Shear	1	W		light phase	
1610	W.R. Storm Pet	1				
1615	BFB	2	N	—	Ad.	
1720	BFB	1	N	—	Ad-dark.	
1726	W.R. Storm Pet	1				
1728	BFB	1		—	Ad.	
1751	White Throated Storm Petrel	1				
1806					Gas Hawk Sealed 5	
1810	W. Rumped Storm Pet	1				
1818	Sunset				End Observations	

SI-MNH-958e
7-28-64



SMITHSONIAN INSTITUTION
DIVISION OF BIRDS
AT SEA DAILY LOG — E

Noon Position: 0-015; 163-38 W

DATE 9 March 1966
Pg. # 1

time	species	#	dir.	hgt.	remarks	loc.
0605					Sunrise - Begin observations	
0632					porpoise (ca. 3) jumping.	
0635	BFB	1	ol		ad.	
0636	Frigate sp.	1	E			
0647	Sooty Tern	4	N		ad's.	
0704	" "	1	NE		ad.	
0718	WR Storm Petrel	1	NW		narrow white rump patch - prob. Leach's.	
0740	Wt shear	1	NE		Light phase.	
0800	Sooty Tern	3	S		adults.	
0801	BFB	1	E		adult ♂.	
0814	"	1	[illegible]		ad.	
0932	Bird	1	NE		seen by Captain	
0952	Sooty Tern	1	[illegible]		ad.	
1012	R-f. Booby	1	N		Ad DK Phase	
1025	W.R. Storm Pet.	1	[illegible]			
1042	"	1	N			
1053	shearwater	1	N		Rapid wing beat, solid gray over entire body. Reminded me of a Fulmar but wrong wing color	
1104	Leach's Storm Pet.	1			(NCT) Molting	C
1117	W.R. Storm Pet.	1	N			
1148	Sooty Tern	1	W		ad.	
1218	W-R Storm Pet	1	NE		very broad white - rump.	
1312	W-R " "	4	NE		" " " "	
1314	RFB	1	SW		Im New Fulmar Ship	
1318	W-R Storm Pet	4	NE		very broad white rump - feeding	
1333	" " "	2	[illegible]		sitting on H_2O	
1426	Wedge tail	1	W		~~dark~~ Light	
1435	W-R Storm Pet	1	E			
1445	" " " "	1	[illegible]			
1446	W-R Storm Pet	1			sitting on H_2O	
1446	" " "	1	E			
1455	Petrel	1	[illegible]		Phoenix - tahitian	
1455	W-R Storm Pet	1/2	[illegible]			
1456	Leach's " "	1	[illegible]		1 shot by Husted	C
1543	W-R Storm Pet	1	[illegible]			
1544	W-R Storm Pet	1			sitting	
1555	W-R Storm Pet	1	[illegible]			

SI-MNH-958e
7-28-64

SMITHSONIAN INSTITUTION
DIVISION OF BIRDS
AT SEA DAILY LOG — E

DATE 9 March 1966
Pg.# 2

Noon Position: 0-01S; 163-38W

	time	species	#	dir.	hgt.	remarks	loc.
	1620	Shear/Pet	1	N		size of wedgetail; light under head and belly, dark on front edge of wings, possibly dark stripe across ~~neck~~ upper breast	
	1627	B-F Booby	3	S		travelling adults	
	1703	RF Booby	1	E		ad - dark phase	
C	1710	RFB	1			collected by J. Lewis	
FF	1711	Sooty Terns	14			adults	
			1			immature	
		Frigates	3				
C	1713	RTTB	1			shot by Smith — pink phase	
	1717	Bird sp.?	1	W			
	1719	Sooty Tern	1	NE			
	1726	RFB	1			immature following ship	
	1730	Sooty Tern	1				
FF	1732	Sooty Tern	7			Adult associated ? food fish	
	1737	Sooty Tern	2				
	1742	Frigatebird	1			joined 1732 flock chasing	
	1807					Sunset	

SI-MNH-958e
7-28-64

sic 11

SMITHSONIAN INSTITUTION
DIVISION OF BIRDS
AT SEA DAILY LOG — E

Noon Position: 1-11 N; 160-24 W

DATE 10 March 1966
Pg.# 1

	time	species	#	dir.	hgt.	remarks	loc.
	0651					SUNRISE, BEGIN OBSERVATIONS	
	0703	Storm Pet. sp.	1	NE			
	0706	Leach's type	1	E		white rump	
	0707	Sooty Tern	1	W		ad. - traveling	
	0708	" "	2	SW		ad. traveling	
	0717	Leach's Type	1	SE		white rump	
	0720	Sooty	2	SW			
C	0721	Leach's	4			1 coll (BAH) There are 2 NATURAL SLICKS	
	0721	Sooty Tern	2	SW		ad Traveling NEARBY	
C	0726	Leach's	2	SE		1 coll (BAH)	
	0728	BFB	2	NW		adults	
	0735	Sooty Tern	4	W		ad. Travelling	
	0737	" "	1	W		ad "	
	0737	Bird	1				
	0740	Leach's type	1	S		white rump	
C	0745	RTTB	1			coll (BAH) PINK	
	0808	Sooty Tern	2	E		ad's.	
	0821	Bulwer's Petrel	1	E			
	0832	Sooty Tern	4	E		ad's.	
C	0836	RFB	1			dark phase coll. RSC.	
C	0850	RTTB	1			ad coll RSC on deck.	
	0851	"	1	E			
	0912	W.R. Storm Pet	1	NE			
	0928	" " "	1	E			
CC	0935	Sooty Tern	4			2 coll RSC ad's	
	0938	" "	3	SE		ad's.	
	0945	" "	1	SE		ad.	
	1000					large school of Tuna Ca 1500 - 2000 fish large > 2 ft.	
	1003	W.R. Storm Petrel	1	E			
	1022	" " " "	1	SSE			
	1055	Sooty Tern	3	E			
	1120	W.R. Storm Pet	1	N			
	1130	W.R. Storm Pet	1	NW			
	1140	Blk Noddy	1	N			
	1206	W-R Storm Pet	1	E			
	1221	Bird sp.?	1				
	1223	Sooty Tern	1			adult	
	1247	Sooty Tern	2			adults	
	1251	Wedgetail	1	N		dark phase	
	1251	Petrel	1	N		Phoenix - tahitian	
	1300	Storm Pet	2	E			
	1310	W-R Storm Pet	1				
	1311	" " "	1	E			
	1325	Sooty Tern	1	SW			

SI-MNH-958e
7-28-64

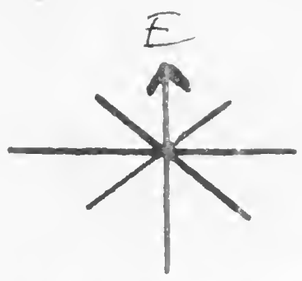
SMITHSONIAN INSTITUTION
DIVISION OF BIRDS
AT SEA DAILY LOG — E

DATE 10 March 1966
Pg.# 2

Noon Position = 1-11 N ; 160-24 W

	time	species	#	dir.	hgt.	remarks	loc.
	1334	W-R Storm Pet	1	~			
	1335	Sooty Tern	3	W		adults	
	1341	W-R Storm Pet	1	E			
	1346	Sooty Terns	2	N		adults	
	1409	W.R. Storm Pet	1			Feeding along natural slick	
C	1410	Leach's Pet	1			" " " " (MCT)	
	1412	Sooty Tern	2			Ad.	
	1415	"	5	N		Ad	
	1425	W. R. Storm Pet.	1	SE			
	1448	" "	1				
	1459	Sooty Tern	3			Ad.	
	1515	Bird	1	SE			
	1520	W.R. Storm Pet.	2				
	1523	" " "	1	Calls			
	1534	Blue-f. Booby	1	NE		Ad.	
	1545	R.f. Booby	1	NE		Ad. DK Phase	
		Sooty Tern	3	S		Ad	
	1550	"	2			Ad.	
	1600	Wedge-tail S	1	S		DK Phase	
TF	1605	Sooty Tern	10			1 Ad 9 Juv rain squall	
C	1606	~~S.~~ Harcourt's Petrel	1			Coll. MCT	
	1608	WR-S Petrel	do				
	1633	Sooty Tern	2			Adult feeding	
	1639	W.R. Storm Pet	1				
	1647	Sooty Tern	2			Adult feeding	
	1650	RFB	1			Following Ship	
TF	1655	Frigatebird sp.	1			Harassing Sooties	
		Sooty Tern	6			Ad.	
	1657	"	1			Ad.	
		Red-f. Booby	1	S		Juv Phase Adult	
	1700	Sooty Tern	1	S		ad	
C	1730	Lesser Frigate	1			Male, Adult collected-Smith Following ship	
	1744	W.R. Storm Pet	2				
FF	1748	Sooty Tern	6			Adult	
		Frigate sp	1			chasing terns	
	1749	Frigate sp	1			joins above flock	
C	1810	Sooty Tern	35	#2		Ad 1 collected Smith	
FF		RFB	2			Ad Dark	
		Frigate (Lesser)	1/2			Light - 1 Dark	
		Wedge Tail					

SI-MNH-958e
7-28-64



SMITHSONIAN INSTITUTION
DIVISION OF BIRDS
AT SEA DAILY LOG — E

Noon Position: 1-11 N; 160-24 W

DATE 10 March 1966
Pg.# 3

time	species	#	dir.	hgt.	remarks	loc.
1843	Sooty Tern	3	E		Adult	
1851					Sunset close observations	

SI-MNH-958e
7-28-64

SMITHSONIAN INSTITUTION
DIVISION OF BIRDS
AT SEA DAILY LOG — E

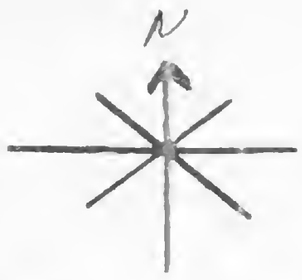
DATE 15 March 1966
Pg.# 1

Noon Position: 3-28N; 157-38W

time	species	#	dir.	hgt.	remarks	loc.
0636					Sunrise begin observations	
0705	WR. Storm Pet	1				
0714	Sooty Tern	1	NE		Adult	
0722	"	1	NW		Adult	
0727	"	3	N		Adults - strung out (not in distinct flock)	
0734	"	6	N		" " "	
0736	Sooty Tern	6	S		Adults	
0740	Sooty Tern	4	NW		Adults	
0741	Redfooted Booby	2	N		imm	
0743	Sooty Tern	3	N		Adults strung out	
0744	Sooty Tern	3	N		Adults	
0745	Wedgetail Sh.	2	N		dark phase	
0745	Sooty Tern	4	N		Adults — strung out	
0750	wedgetail	1	N		Dark Phase	
0753	" "	3	N		" "	
0754	Phoenix Is	2	N			
0748	Sooty Tern	3	N		Ad	
0749	RFB	2	N			
TF 0801	Sooty Tern	16	E			
	Fairy Tern	1				
FF 0807	Sooty Tern	175				
	Fairy Tern	7				
	RF-B	13				
0808	C.N. Tern	4	NW			
0810	Sooty Tern	75±			Not a flock, scattered over 360° area, Generally heading N. mostly ad.	
TF 0814	" "	12	NW		Travelling, all ad.	
0815	Wedgetail	2	N		dark.	
0817	Sooty Tern	7	N		Travelling Ad.	
TF 0818	C. N. Tern	5	SE		Travelling	
0819	Wedgetail	1	NW		dark.	
TF 0821	Sooty Tern	21	NE		Travelling	
	Wedgetail	3			Dark	
0831	C.I. Shear	2	SW			
0832	R.F. Booby	1	NE		Ad dark.	
0833	Wedgetail	1	NW		dark.	
0835	P.I. Petrel	1	W			
0841	Sooty Tern	4	N		Ad.	
0847	" "	3	N		Ad.	

SI-MNH-958e
7-28-64

SMITHSONIAN INSTITUTION
DIVISION OF BIRDS
AT SEA DAILY LOG — E



Noon Position: 3-28N; 157-38W

DATE 15 Mar 1966
Pg.# 2

time	species	#	dir.	hgt.	remarks	loc.
0851	Wedgetail	4	N		dark.	
0853	Fairy Tern	1				
0855	Phoenix Is. Pet	1	N			
0856	Wedgetail	3	N		dark	
0859	Sooty Tern	1	S		Ad.	
0902	Wedgetail	2	NW		dark.	
0904	P.I. Petrel	1				
0905	Wedgetail	1	N		dark.	
0908	C.I. Shear	2	NW			
0909	Wedgetail	2	N		dark.	
0910	RTTB	1				
0911	Wedgetail	1	SW		dark.	
0912	P.I. Petrel	2	N			
0913	RFB	1			Ad. ♂ dark.	
0915	Wedgetail	1	N		dark.	
0917	P.I. Petrel	1	NW			
0921	Sooty Tern	1	S		Ad.	
0923	Wedgetail	1	NW		dark.	
0925	"	3	N		"	
0925	"	2	N		"	
0930	P.I. Petrel	1	S			
0932	Sooty Tern	1	S		Ad.	
0934	" "	2	SW		1 imm 1 ad	
0937	Wedgetail	1	N		dark.	
0943	"	2	NW		"	
0945	Sooty Tern	2	S		ad	
0947	Wedgetail	1	N		dark	
0951	Sooty Tern	1	E		1 imm. 6 ad	
TF	Fairy Tern	5			Travelling	
	Wedgetail	3			dark	
0954	P.I. Petrel	1	SW			
1008	wedgetail	3	NW		dark	
1009	"	2	"		"	
1009	"	1	"		"	
1009	"	1	"		"	
1011	"	1	"		"	
1011	"	1	NE		intermediate phase	
1014	"	3	NW		Dark	
1015	"	1	N		"	
1015	"	2	N		"	
1015	"	2	N-NW		"	
1016	"	2	"		"	
1016	"	1	"		"	
TF 1017	"	9	"		Dark	

SI-MNH-958e
7-28-64

SMITHSONIAN INSTITUTION
DIVISION OF BIRDS
AT SEA DAILY LOG — E

Noon Position: 3-28N; 157-38W

DATE 15 March 1966
Pg.# 3

time	species	#	dir.	hgt.	remarks	loc.
1020	Wedgetail	4	NW		dark	
1024	"	5	N		dark	
1026	"	3	NW		dark	
1026	"					
1028	"	4	NW		dark	
1032	"	3	"		"	
1035	"	2	NW		"	
1042	"	2	NW		"	
1045	"	4	NW		"	
1047	"	2	"		"	
1054	Sooty Tern	3	"		"	
1054	Wedgetail	1	SE		ad.	
1057	"	1	NE		dark	
1100	"	2	NW		"	
1103	Sooty Tern	1	NW		"	
1112	Phoenix I. Pet.	1			ad	
1114	Wedgetail	1	NE			
1114	W.R. Stormpet	3	NW		dark	
1119	Wedgetail	1	NE			
1120	Kermadec Pet	5	NW		dark	
1120	Sooty Tern	1			light phase settling on HW	
1124	" "	1	N		adult	
1124	RF Booby	1	N		"	
1124	Shear-Pet	1			dark phase adult.	
1125	Sooty Tern	1	S			
1128	Wedgetail	2	S		ad	
1133	Sooty Tern	1	NW		dark	
1135	Wedgetail	3	SE		ad.	
1140	"	4	NW		dark	
1145	Phoenix I. Pet.	1	"		"	
1153	Shear-Pet	1			carrying a small (2-3") silver fish in bill for at least 2 min., sat on HW, then took off again, still carrying fish.	
1154	WR-Storm Petrel	1	N			
1155	Wedgetail	3	N	dark	→ either Christmas I. shear or Sooty/Slenderbill	
1156	"	2	N	dark		
1158	"	3	N	dark		
1201	"	3	N	dark		
1205	"	4	NW	"		
1205	"	2	N	"		
1210	"	3	NW	"		
1211	Christmas I.	1	NW			
1212	Sooty Tern	4	NE		ad's 1 col. RSC.	
1215	WR Storm Pet	1			came in over Lyemaiden	
1215	Phoenix Is. Pet	1			" " " "	
1215	Wedgetail	2			" " " dark.	
1227	"	3	N		dark	
1228	Sooty Tern	1	E		ad.	
1234	Wedgetail	4	N		dark	
1238	"	1	N		dark.	

SI-MNH-958e
7-28-64

SMITHSONIAN INSTITUTION
DIVISION OF BIRDS
AT SEA DAILY LOG — E

DATE 15 March 1966
Pg.# 4

Noon Position: 3-28N; 157-38W

	time	species	#	dir.	hgt.	remarks	loc.
	1245	w IR Storm Petrel	1	N			
	1249	wedgetail	1	N		dark	
	1249	"	1	S		"	
c	1250	Leach's Storm Pet	1			coll. RSC	
	1251	Phoenix I. Pet	1				
	1252	Wedgetail	1			dark	
c	1252	~~Leach's~~ Storm Pet	1			over downed bird. coll RSC	
	1301	wedgetail	4			dark.	
	1310	"	1	N		dark.	
	1314	"	2	N		"	
	1318	Phoenix I. Pet	1			white throat seen clearly	
	1321	" " "	1	S			
	1328	wedgetail	1	S		dark	
	1340	PI Petrel	1	E			
	1345	sooty tern	1	N		ad.	
	1347	" "	1	S		ad	
		wedgetail	1	S		dark	
	1352	"	1	S		dark	
	1354	"	1	S		dark	
	1405	"	1	S		dark	
	1406	Sooty Tern	1	S		Ad	
	1407	"	1	"		"	
	1409	wedge-tail	1	"		dark	
	1410	"	2	"		"	
	1417	Xmas I. Shear.	1	"			
		Wedgetail	1	"		dark	
	1422	"	1	"		"	
	1431	"	1	"		"	
	1434	"	1	N		"	
		"	1	S		"	
		Phoenix I.	1	S			
	1436	Wedgetail	1	S		dark	
	1441	"	1	S		"	
	1446	"	1	S		"	
	1510	"	1	S		"	
	1512	Sooty Tern	2	S		Ad.	
	1514	Phoenix I.	1	S			
	1515	wedgetail	1	S		Dark	
	1517	"	1	"		"	
	1520	W. R. Storm Pet	1	E			
	1521	wedgetail	1	S		dark	
	1531	"	1	N		white	

SI-MNH-958e
7-28-64

SMITHSONIAN INSTITUTION
DIVISION OF BIRDS
AT SEA DAILY LOG — E

DATE 15 Mar 66
Pg.# 5

Noon Position: 3-28N ; 157-38W

	time	species	#	dir.	hgt.	remarks	loc.
	1533	Phoenix Is.	1	S			
	1558	Sooty Tern	1	S			
	1600	Phoenix Is.	1	S			
	1602	Shear/Pet	2	S			
	1605	Xmas Is	2	W			
FF	1608	Sooty Terns	40				
		Wedgetail	4			Darks	
		BFB	1			Ad	
		RFB	4				
		Shear/Pet	8				
	1610	wedge tail	1			Darks	
	1611	wedge tail	1			Darks	
TF	1611	sooty Terns	8	Std		up high	
	1614	wedge tail	2			Darks	
		Blue-gray Noddy	2	N			
	1615	Sooty tern	2	E			
	1618	Bulwers Pet	1	NE			
	1620	Wedge-tail	3	NE		Dark Phase	
	1621	Sooty tern	1	E		Ad	
	1623	Xmas Island	1				
	1640	RFB					
	1640	wedge tail	1	S		Ad Darks	
			1	S		Darks	
	1643	Shear/Pet	1	N			
FF	1648	Sooty tern	30				
		wedge tail	8			Darks	
		RFB	3			Ad Darks	
TF	1714	wedge tail	7			Darks	
		sooty tern	1	SE		Ad	
	1716	W-R Storm Pet	1	N			
	1720	W-R Storm Pet	1	E			
	1721	wedge-tail	1	E		Dark	
	1723	" "	1	E		"	
	1724	Bulwers Pet	2	NE			
	1728	Sooty Tern.	4	W		Ad	
	1730	Sooty/Slb Shear	1	N			
	1731	W-R Storm Pet	1	?			
	1732	Sooty Tern	1	SW		Ad	
	1734	Xmas Island	1	N			
TF	1736	Sooty Tern	14	S		Ad	
FF	1738	" "	10				
		RFB	1			SA	
		wedgetail	2			Darks	

SI-MNH-958e
7-28-64

SMITHSONIAN INSTITUTION
DIVISION OF BIRDS
AT SEA DAILY LOG — E

DATE 15 March 64
Pg.# 6

Noon Position: 3-28 N; 157-38 W

	time	species	#	dir.	hgt.	remarks	loc.
C	1750	Wedgetail	100±		10	all dark except 2 intermediate	
~~TF~~		Sooty Tern	200±		50	all adult, 1 coll (Lewis)	
		RF Booby	15			All dark except 3 Northern	
		Frigate sp.	1				
		Fairy Tern	3				
		Blue-gray Noddy	2				
		X-mas I	2				
		Pale-foot shear	1				
C	1800	Leach's Petrel	1			coll. RS C	
	1805	Sooty Tern	1	W		Ad	
	1807	Wedge-tail	1	E		Int.	
	1808	Sooty Tern	1	S		Ad	
	1814	" "	1	E		Ad edge of Squall	
	1820	W-R Storm Pet	1	S		1 In Squall	
	1822	Wedge-tail	4	NE		IN Squall All Darks	
TF	1828	Sooty Terns	20	NE		Adults	
		Wedge-tail	17			1 In Squall	
		Phoenix Fs	4			All Darks	
		Booby sp	1				
	1835	Wedge-tail	4	NE		Darks In Squall	
	1840	Sooty tern	1	W		IN Squall Adult	
	1841	Wedge-tail	3	NE		Dark — In Squall	
	1843					Sunset	
						Cease Observation	

SI-MNH-958e
7-28-64

SMITHSONIAN INSTITUTION
DIVISION OF BIRDS
AT SEA DAILY LOG — E

Noon Position: 7-28 N; 157-30 W

DATE 16 March 1966
Pg.# 1

	time	species	#	dir.	hgt.	remarks	loc.
	0637					sunrise — begin observations	
	0640	Sooty Tern	1			imm	
	0640	Wedgetail	1			light phase	
	0643	Sooty Tern	1			ad.	
	0650	Pterodroma sp.	1	NW		small	
	0654	Phoenix I. Pet	1				
	0713	Wedgetail	1	NW		dark	
	0723	"	1	"		"	
	0723	W. R. Storm Pet	1	NW			
	0725	Wedgetail	1	NW		dark	
	0728	"	1	"		light	
FF	0735	Sooty Tern	150± 25				
		Wedgetail	200± 50			about 10% dark, rest light	
		Petrel sp	2			either Phoenix I/Tahiti or Kermadec.	
	0803	Frigate sp	1				
	0815	Wedgetail	1			darkie	
	0830	Wedgetail	1			"	
	0851	Phoenix Is Petrel	1				
FF	0904	Sooty Tern	40± 5				
		Wedgetail	4			3 dark, 1 light	
		Petrel sp	2			probably Phoenix Is. or similar species	
	0912	Wedgetail	1			light phase	
	0943	"	4			dark phase	
	1005	wedgetail	1	SW		dark.	
	1024	"	1	NE		"	
	1100	"	4			sitting on H_2O — Dark	
TF	1105	Sooty Tern	17	NE		Ad	
		Wedgetail	3			Travelling	
	1137	"	2	N		Dark	
	1250	P. hypoleuca	1	N		"	
	1253	Wedge-tail	3			Dark (on H_2O)	
	1412	W-R Storm Pet	1				
	1414	Wedgetail	1	W		dark phase	
	1604	Juan F. Petrel	1	W			
	1630	" " "	1	SE		molt in primaries.	
	1716	X-mas I. Shear	1	NW			
	1759	Juan Fern. Pet	1				
	1810	Wedgetail	2	N		1 light phase, 1 dark.	
	1812	Bulwer's Pet	1	N		did not appear to have white rump, light brown bar, brown.	
	1832	Storm Petrel	1	N			
	1841					sunset — cease observations.	

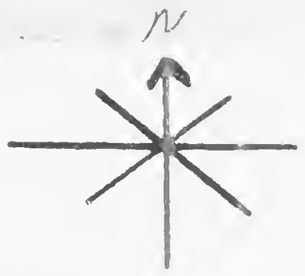
SI-MNH-958e
7-28-64

SMITHSONIAN INSTITUTION
DIVISION OF BIRDS
AT SEA DAILY LOG — E

Sic 11

DATE 17 March 1966
Pg.# 1

Noon Position: 11-37 N; 157-37 W



	time	species	#	dir.	hgt.	remarks	loc.
	0636					Sunrise - Begin observations	
	0645	Wedgetail	1	W		light	Squalls
	0733	W.R. Storm Pet	1	@			
	0819	"	1	N			
	0915					Rain Squall	
	1004	Juan Fernandez	1	@			
	1104	WTTB	1			ad. following ship.	
CTF	1402	Sooty Tern	14	NE		All Ad. (1 coll. TJL)	
	1634	Juan Fernandez	1	NW			
	1643	" "	1	NNW			
TF	1650	sooty tern	19			Traveling, most birds high.	
		Fairy Tern	1				
	1840					sunset - closed observations	

S/C 11

SI-MNH-958e
7-28-64

SMITHSONIAN INSTITUTION
DIVISION OF BIRDS
AT SEA DAILY LOG — E

(18)

DATE 18 March 66
Pg.# 1

Noon Position: 15-36 N; 157-47 W

	time	species	#	dir.	hgt.	remarks	loc.
	0636					Sunrise	
TF	0704	sooty Tern	7	SE		Adults	
	0757	" "	1	N		Ad	
	0801	" "	3	S		ad's	
	0812	Fairy Tern	1	E			
	0850	Bird	1			small, slightly larger than WR storm petrels, pure white underparts, light gray back. Sat on H2O for a minute, then flew off. Phalarope? Sanderling?	
	0908	Sooty Tern	3	E		ad's	
	0928	WR Storm Pet	1	"			
	0935	Sanderling	1	"		distinct white bars in wings.	
	1045	ATTB	1	"			
	1107	Sooty Tern	3	NW		Ad.	
	1230	"	2	SE		Ad.	
	1405	Mottled Petrel	1	NW		Travelling.	
	1425	Red Phalarope	2	NW		winter plumage	
	1505	Sooty Tern	2	NW		adults	
	1520	shorebird	1	NW		either a phalarope or sanderling.	
	1527	Red Phalarope	1	NW			
	1550	Sooty Tern	3	SE		ad	
	1555	" "	2	SE		ad	
	1605	Red Phalarope	2	NW			
	1620	"	1	NW		or similar species	
	1645	Sooty Tern	1	SE			
	1712	Red Phalarope	1	NW		or sanderling	
	1731	Sooty Tern	3	E		Adult	
	1840	Sunset				close observations	

SI-MNH-958e
7-28-64

SMITHSONIAN INSTITUTION
DIVISION OF BIRDS
AT SEA DAILY LOG — E

DATE 19 March 1966
Pg. # 1

Noon Position: 19-57 N; 157-48W

	time	species	#	dir.	hgt.	remarks	loc.
	0637					sunrise - begin observations	
	0825	Sooty Tern	1	NW		Ad	
	0841	W-B Storm Pet	1	N		missing several Primaries on Left side	
TF	0855	Fairy Tern	3	SW			
		Sooty Tern	2	SW		Ad	
	0935	[redacted] Storm Pet	1	N			
	0950	Wedge-Tail	1	N		Dark Phase	
	1011	Bird	#1	E		Probably Common Noddy	
	1030	W. R. Storm Pet	1	N			
	1048	"	1	N			
	1111	"	1	N			
		Sooty Tern	2	E		Ad	
		Common Noddy	2	"			
	1124	Pterodroma sp	1	W		Mottled by flight	
		Shearwater/Pet	1	W		either Juan Fernandez or light wedge-tail	
	1127	Sooty Tern	1	E		Ad.	
	1129	"	2	SE		"	
	1134	"	2	SE		"	
	1201	Sooty Tern	2	W		Ad.	
	1218	C. Noddy Tern	1	N			
	1258	Wedgetail	1	NW		light	
	1302	Sooty Tern	1				
	1310	B.F. Albatross	1			Following Ship	
	1332	Sooty/Slo Shear	1	S			
	1349	Porpoise				8	
	1358	Fairy Tern	2	NE			
	1430	Sooty Tern	1	S		Adult	
	1500	Black F. Alb.	1			still following ship	
	1600	"				" " "	
	1610	Wedgetail	1	NW		light phase	
	1625	Pomarine jaeger	1			Following ship - adult	
	1635	Phalarope sp.	2				
	1643	Sooty Tern	3	NW		ad	
	1702	Wedgetail	1	N		light	
	1719	"	1	NW		"	

SI-MNH-958e
7-28-64

SMITHSONIAN INSTITUTION
DIVISION OF BIRDS
AT SEA DAILY LOG — E

SIC 11

Noon Position: 19-57 N ; 157-48 W

DATE 19 March 1966
Pg.# 2

time	species	#	dir.	hgt.	remarks	loc.
1730					SAME ALBATROSS STILL following ship.	
1835	Wedgetail	1	N		dark	
1840					same albatross following	
1842	BFAlbat	2			one is above, other rear.	
1842					Sunset	

DATE 1 MARCH 1966

Time at sunrise = 0656 Position at sunrise = Howlands IS.

Time at sunset = 1905 Position at sunset = 1-20N 177-28W

Miles traveled from 0000 hours to sunrise = 0 (Depart Howlands 0712)

Miles traveled from sunrise to sunset = 118-0

Miles traveled from sunset to 2400 hours = 44-0

	TIME OF FIX	TYPE OF FIX	LONGITUDE	LATITUDE
1.	1300	CELLESTIAL	177-39W	0-54N
2.	2000	"	177-20W	1-23N
3.				
4.				
5.				
6.				

DATE 2 MARCH 1966

Time at sunrise = 0655 Position at sunrise = 1-49N 176-20W

Time at sunset = 1905 Position at sunset = 0-29N 177-31W

Miles traveled from 0000 hours to sunrise = 66-0

Miles traveled from sunrise to sunset = 124-0

Miles traveled from sunset to 2400 hours = 50-0

	TIME OF FIX	TYPE OF FIX	LONGITUDE	LATITUDE
1.	0700	CELLESTIAL	176-19W	1-48N
2.	1000	"	176-34W	1-26N
3.	2000	"	177-39W	0-22N
4.				
5.				
6.				

DATE 3 MARCH 1966

Time at sunrise =0658 Position at sunrise = 0-16$ 177-26W

Time at sunset = 1900 Position at sunset = 0-12N 176-11W

Miles traveled from 0000 hours to sunrise = 64-0 Mi

Miles traveled from sunrise to sunset = 93-0

Miles traveled from sunset to 2400 hours = 25-0

	TIME OF FIX	TYPE OF FIX	LONGITUDE	LATITUDE
1.	0700	CELLESTIAL	177-26W	0-16$
2.	1000	"	177-04W	0-00 —
3.	1600	VISUAL	176-38W	0-08N
4.	2200	CIELLESTIAL	175-54W	0-13N
5.				
6.				

DATE 4 MARCH 1966

Time at sunrise =0654 Position at sunrise = 0-13$ 176-23W

Time at sunset =1902 Position at sunset = 1-07$ 176-29W

Miles traveled from 0000 hours to sunrise = 31-0

Miles traveled from sunrise to sunset = 107-0

Miles traveled from sunset to 2400 hours = 13-0

	TIME OF FIX	TYPE OF FIX	LONGITUDE	LATITUDE
1.	0645	CELLESTIAL	176-21W	0-12N
2.	1000	"	176-47W	0-37$
3.	1900	"	176-29W	1-07$
4.				
5.				
6.				

DATE 5 MARCH 1966

Time at sunrise = 0654 Position at sunrise = 103 S, 176-27W

Time at sunset = 1856 Position at sunset = 0-00° 175-12W

Miles traveled from 0000 hours to sunrise = 35-0

Miles traveled from sunrise to sunset = 97-0

Miles traveled from sunset to 2400 hours = 48

	TIME OF FIX	TYPE OF FIX	LONGITUDE	LATITUDE
1.	0700	CELESTIAL	176-26W	1-03 S
2.	1000	"	176-06W	0-50 S
3.	1919	"	175-08W	0-02 N
4.				
5.				
6.				

DATE _____

Time at sunrise = Position at sunrise =

Time at sunset = Position at sunset =

Miles traveled from 0000 hours to sunrise =

Miles traveled from sunrise to sunset =

Miles traveled from sunset to 2400 hours =

	TIME OF FIX	TYPE OF FIX	LONGITUDE	LATITUDE
1.				
2.				
3.				
4.				
5.				
6.				

DATE 6 MARCH 66

Time at sunrise = 0643 Position at sunrise = 1-03 $ 173 44 W

Time at sunset = 1846 Position at sunset = 2-11 $ 172-27 W

Miles traveled from 0000 hours to sunrise = 62-0

Miles traveled from sunrise to sunset = 101-0

Miles traveled from sunset to 2400 hours = 56-0

	TIME OF FIX	TYPE OF FIX	LONGITUDE	LATITUDE
1.	0700	CELLESTIAL	173-42 W	1-04 $
2.	1900	"	172-25 W	2-12 $
3.				
4.				
5.				
6.				

DATE 7 MARCH 1966

Time at sunrise = 0632 Position at sunrise = 2-33 $ 171-12 W

Time at sunset = 1833 Position at sunset = 2-01 $ 169-31 W

Miles traveled from 0000 hours to sunrise = 41-0

Miles traveled from sunrise to sunset = 106-0

Miles traveled from sunset to 2400 hours = 52-0

	TIME OF FIX	TYPE OF FIX	LONGITUDE	LATITUDE
1.	0400	VIS. & RADAR	171-34 W	2-41 $
2.	0600	CELLESTIAL	171-17 W	2-35 $
3.	1900	"	169-27 W	1-59 $
4.				
5.				
6.				

DATE 8 MARCH 1966

Time at sunrise = 0618 Position at sunrise = 1-25 $, 167-49 W

Time at sunset = 1818 Position at sunset = 0-56 $ 166-13 W

Miles traveled from 0000 hours to sunrise = 56-0

Miles traveled from sunrise to sunset = 101-0

Miles traveled from sunset to 2400 hours = 53-0

	TIME OF FIX	TYPE OF FIX	LONGITUDE	LATITUDE
1.	0600	CELLESTIAL	167-52W	1-26 $
2.	1030	"	167-15W	1-14 $
3.	1900	"	166-07W	0-54 $
4.				
5.				
6.				

DATE 9 MARCH 1966

Time at sunrise = 0605 Position at sunrise = 0-19 $, 164-32 W

Time at sunset = 1805 Position at sunset = 0-19 N, 162-53 W

Miles traveled from 0000 hours to sunrise = 55-0

Miles traveled from sunrise to sunset = 108-0

Miles traveled from sunset to 2400 hours = 53-0

	TIME OF FIX	TYPE OF FIX	LONGITUDE	LATITUDE
1.	0600	CELLESTIAL	164-33W	0-20 $
2.	1000	"	163-56W	0-07 $
3.	1900	"	162-45W	0-22 N
4.				
5.				
6.				

DATE 10 MARCH

Time at sunrise = 0651 Position at sunrise = 1-00N, 161-07W

Time at sunset = 1851 Position at sunset = 1-25N 159-33W

Miles traveled from 0000 hours to sunrise = 61-0

Miles traveled from sunrise to sunset = 97-0

Miles traveled from sunset to 2400 hours = 53-0

	TIME OF FIX	TYPE OF FIX	LONGITUDE	LATITUDE
1.	0700	CELLESTIAL	161-06W	1-01N
2.	1030	"	160-38W	1-04N
3.	1900	"	159-32W	1-26N
4.				
5.				
6.				

DATE 11 MAR

Time at sunrise = 0634 Position at sunrise = 1-57N, 157-41W

Time at sunset = 1843 Position at sunset = CHRISTMAS IS.

Miles traveled from 0000 hours to sunrise = 66 MI

Miles traveled from sunset to 2400 hours = —

	TIME OF FIX	TYPE OF FIX	LONGITUDE	LATITUDE
1.	0642	VIS & RADAR	157-44W,	1-57N
2.				
3.				
4.				
5.				
6.				

DATE 15 MARCH

Time at sunrise = 0636 Position at sunrise = 2-30N 157-36W

Time at sunset = 1843 Position at sunset = 4-35N 157-32W

Miles traveled from 0000 hours to sunrise = 32-0 2-29N

Miles traveled from sunrise to sunset = 134

Miles traveled from sunset to 2400 hours = 55-0

	TIME OF FIX	TYPE OF FIX	LONGITUDE	LATITUDE
1.	0630	CELLESTIAL	157-35W	2-30N
2.	1030	"	157-37W	3-11N
3.	1900	"	157-32W	4-38N
4.				
5.				
6.				

DATE 16 MARCH 1966

Time at sunrise = 0637 Position at sunrise = 6-34N, 157-30W

Time at sunset = 1841 Position at sunset = 8-36N, 157-31W

Miles traveled from 0000 hours to sunrise = 63-0

Miles traveled from sunset to 2400 hours = 121-0

Miles traveled from sunset to 2400 hours = 53-0

	TIME OF FIX	TYPE OF FIX	~~LONGITUDE~~ LAT	~~LATITUDE~~ λ
1.	0600	CELLESTIAL	6-28N	157-30W
2.	1000	"	7-08N	157-30W
3.	1900	"	8-39N	157-31W
4.				
5.				
6.				

DATE 17 MARCH

Time at sunrise = 0636 Position at sunrise = 10-39N, 157-33W

Time at sunset = 1842 Position at sunset = 12-36N, 157-39W

Miles traveled from 0000 hours to sunrise = 71-0

Miles traveled from sunrise to sunset = 116-0

Miles traveled from sunset to 2400 hours = 54-0

	TIME OF FIX	TYPE OF FIX	LONGITUDE	LATITUDE
1.	0600	CELLESTIAL	157-33W	10-33N
2.	1033	LORAN	157-36W	11-21N
3.	1900	LORAN & CELL.	157-39W	12-39N
4.				
5.				
6.				

DATE 18 MARCH

Time at sunrise = 0636 Position at sunrise = 14-40N, 157-49W

Time at sunset = 1841 Position at sunset = 16-52N, 157-47W

Miles traveled from 0000 hours to sunrise = 71-0

Miles traveled from sunrise to sunset = 131-0

Miles traveled from sunset to 2400 hours = 59-0

	TIME OF FIX	TYPE OF FIX	LONGITUDE	LATITUDE
1.	0600	CELLESTIAL	157-48W	14-34N
2.	1900	LORAN & CELL.	157-47W	16-54N
3.				
4.				
5.				
6.				

DATE 19 MARCH 1966

Time at sunrise = 0637 Position at sunrise = 19-00N, 157-42W

Time at sunset = 1842 Position at sunset = 20-58N, 157-37W

Miles traveled from 0000 hours to sunrise = 70-0

Miles traveled from sunrise to sunset = 120

Miles traveled from sunset to 2400 hours = 21-0

	TIME OF FIX	TYPE OF FIX	LONGITUDE	LATITUDE
1.	0600	CELESTIAL	157-42W,	18.53N
2.	VARIOUS FIXES WHILE APPROACHING			
3.	HONOLULU IN AFTERNOON			
4.	1740	LORAN	157-58W	20-49N
5.				
6.				

DATE _____

Time at sunrise = Position at sunrise =

Time at sunset = Position at sunset =

Miles traveled from 0000 hours to sunrise =

Miles traveled from sunrise to sunset =

Miles traveled from sunset to 2400 hours =

	TIME OF FIX	TYPE OF FIX	LONGITUDE	LATITUDE
1.				
2.				
3.				
4.				
5.				
6.				

SI-MNH-955b
Rev. 4-9-64

SMITHSONIAN INSTITUTION
DIVISION OF BIRDS
AT SEA CLIMATOLOGICAL DATA

DATE 2 March 1966

TIME	LAT	LONG	PRES WEA	VIS	SLP	DRY B	DEW PT	HUM %	TL SKY	OPA SKY	WAVES	SEA TEMP	WIND S	WIND D	SHIP COURSE/SPD.
0100	2-00N	177-08W	Mdy Clr	20	1010	82	77	84	6	5	000-4	85	10	070	045 - 9
0200	2-06N	176-54W	" "	20	1009	82	77	84	9	8	000-4	85	11	070	045 9
0300	2-12N	176-46W	" "	20	1008	82	77	84	8	8	000-4	85	13	060	056 9
0400	2-14N	176-39W	" "	20	1008	82	77	84	7	6	000-4	84	13	070	035 9
0500	2-06N	176-32W	" "	20	1008	84	76	76	5	4	010-6-4	84	10	060	136 - 11
0600	1-57N	176-25W	" "	20	1009	84	76	76	4	3	010-6-4	84	10	050	136 - 11
0700	1-48N	176-19W	" "	20	1010	84	76	76	4	3	010-6-4	84	10	040	136 - 11
0800	1-40N	176-20W	" "	20	1010	84	76	76	4	3	010-6-4	85	10	040	226 - 11
0900	1-33N	176-22W	Squalls	20	1011	83	77	84	8	8	010-6-4	85	10	090	226 - 11
1000	1-26N	176-34W	w/ Clouds	10	1012	83	77	84	8	8	010-6-4	85	10	090	226 - 11
1100	1-22N	176-38W	"	10	1012	83	77	84	8	8	010-5-4	85	10	090	DRIFTING 1025
1200	1-24N	176-48W	"	10	1012	82	77	84	8	8	010-5-4	85	10	090	1300
1300	1-20N	176-43W	Cloudy	15	1010	85	74	70	8	8	Calm	85	11	035	220 - 10
1400	1-09N	176-53W	Mdy Cldy	20	1009	85	74	70	6	5	"	85	11	040	220 10
1500	1-01N	177-01W	" "	20	1009	85	74	70	5	3	"	85	11	040	220 11
1600	0-52N	177-09W	" "	20	1008	85	74	70	4	3	"	85	11	040	220 11
1700	0-45N	177-17W	Cloudy	20	1008	84	76	76	8	7	000-5-4	85	11	040	220 - 11
1800	0-37N	177-24W	"	20	1009	83	77	84	8	7	000-5-4	85	12	050	220 - 11
1900	0-29N	177-31W	"	20	1009	82	77	84	8	7	000-5-4	85	12	050	220 - 11
2000	0-22N	177-39W	"	20	1009	82	77	84	8	7	000-5-4	85	10	040	220 - 11.0
2100	0-14N	177-47W	O'cast Rain	20	1010	82	77	84	8	6	010-5-3	85	10	045	220 11.0
2200	0-05N	177-54W	"	10	1010	82	77	84	8	6	010-5-3	85	10	045	DRIFTING
2300	0-00	177-58W	"	10	1010	82	77	84	8	6	010-5-3	85	10	045	
2400	0-06S	178-05W	"	20	1010	82	77	84	8	6	010-5-3	85	10	045	220 - 11.0

REMARKS:

ALL TIMES LOCAL (~~WHISKEY~~ TRAY); WIND DIR. IN WHOLE DEGREES; WIND SPEED IN KNOTS; TEMPERATURES IN FAHRENHEIT; VISIBILITY IN NAUTICAL MILES; WAVES IN WHOLE DEGREES; WAVE PERIOD IN SECONDS; WAVE HEIGHT IN WHOLE FEET; SEA LEVEL PRESSURE IN MILLIBARS

SI-MNH-955b
Rev. 4-9-64

SMITHSONIAN INSTITUTION
DIVISION OF BIRDS
AT SEA CLIMATOLOGICAL DATA

DATE 5 March 1966

TIME	LAT	LONG	PRES WEA	VIS	SLP	DRY B	DEW PT	HUM %	TL SKY	OPA SKY	WAVES	SEA TEMP	WIND S	WIND D	SHIP COURSE/SPD.
0100	1-08 S	176-44 W	PtCldy	20	1009	83	76	80	2	0	6-4	84	9	070	Drifting
0200	1-05 S	176-46 W	" "	20	1009	83	76	80	1	0	"	84	7	060	"
0300	1-05 S	176-48 W	" "	20	1008	83	76	80	1	0	"	84	7	060	"
0400	0-04 S	176-51 W	" "	20	1007	83	76	80	1	0	"	84	7	020	"
0500	1-04 S	176-45 W	" "	20	1007	84	74	73	2	2	070-5-3	84	9	050	090-9-5
0600	1-03 S	176-36 W	" "	20	1007	84	74	73	2	2	070-5-3	84	9	050	090-9-5
0700	1-03 S	176-26 W	" "	20	1007	84	74	73	2	2	070-5-3	84	9	045	090-9-5
0800	0-57 S	176-19 W	" "	20	1008	84	74	73	2	2	070-5-3	84	9	045	057-9-5
0900	0-54 S	176-12 W	Few Clds	20	1009	85	74	73	3	3	020-5-3	84	10	020	057 8.5
1000	0-50 S	176-06 W	"	20	1009	85	74	73	3	3	020-5-3	84	10	020	057 8.5
1100	0-44 S	176-00 W	"	20	1009	85	74	72	3	3	020-5-3	84	10	020	055 8.5
1200	0-38 S	175-54 W	"	20	1009	85	74	73	3	3	020-5-3	84	10	020	055 8.5
1300	0-32 S	175-47 W	" "	20	1008	85	74	73	1	0	000-10-5	84	12	020	055 8.5
1400	0-28 S	175-42 W	" "	20	1007	85	74	73	1	0	000-10-5	84	11	020	055 8.5
1500	0-23 S	175-36 W	" "	20	1006	85	74	73	2	0	000-10-5	84	11	020	055 8.5
1600	0-17 S	175-30 W	" "	20	1006	85	74	73	3	1	000-10-5	84	11	020	055 8.5
1700	0-10 S	175-23 W	" "	20	1006	85	74	73	2	1	020-7-4	84	10	010	055-8-5
1800	0-05 S	175-16 W	" "	20	1006	84	76	76	2	1	020-7-4	84	10	010	055-8-5
1900	0-02 N	175-10 W	" "	20	1007	84	76	76	2	1	020-7-4	84	10	010	121-9-0
2000	0-03 S	175-04 W	" "	20	1007	84	76	76	2	1	020-7-4	84	10	010	121-9-0
2100	0-08 S	174-59 W	"	20	1008	84	76	76	2	1	020-6-4	84	10	010	121 9.5
2200	0-14 S	174-47 W	"	20	1009	84	76	76	2	1	020-6-3	84	10	010	121 9.5
2300	0-19 S	174-39 W	"	20	1008	84	76	76	2	1	020-6-3	84	10	010	125 9.5
2400	0-25 S	174-32 W	"	20	1009	84	76	76	2	1	020-6-3	84	10	010	125 9.5

REMARKS:

ALL TIMES LOCAL (~~WHISKEY~~ ZULU); WIND DIR. IN WHOLE DEGREES; WIND SPEED IN KNOTS; TEMPERATURES IN FAHRENHEIT; VISIBILITY IN NAUTICAL MILES; WAVES IN WHOLE DEGREES; WAVE PERIOD IN SECONDS; WAVE HEIGHT IN WHOLE FEET; SEA LEVEL PRESSURE IN MILLIBARS

SI-MNH-955b
Rev. 4-9-64

SMITHSONIAN INSTITUTION
DIVISION OF BIRDS
AT SEA CLIMATOLOGICAL DATA

DATE 6 March 1966

TIME	LAT	LONG	PRES WEA	VIS	SLP	DRY B	DEW PT	HUM %	TL SKY	OPA SKY	WAVES	SEA TEMP	WIND S	WIND D	SHIP COURSE/SPD.
0100	0-30S	174-28W	Few clds	20	1008	83	76	80	1	0	020-6S	~~085~~ 84	3	040	125 9.5
0200	0-35S	174-20W	" "	20	1008	83	76	80	5	2	020-6-5	84	5	040	125 9.5
0300	0-41S	174-13W	" "	20	1007	83	76	80	5	2	020-6-4	84	5	040	125 9.5
0400	0-47S	174-06W	" "	20	1006	83	76	80	6	3	020-6-4	84	6	040	125 9.5
0500	0-52S	173-57W	" "	20	1006	84	76	76	4	3	030-8-4	84	9	060	125 9-5
0600	0-58S	173-49W	CLOUDY	20	1007	84	76	76	4	3	030-8-4	84	11	060	125-9-5
0700	1-04S	173-42W	PARTLY CLDY	20	1008	84	76	76	3	2	030-8-4	84	11	060	128-9-5
0800	1-11S	173-34W	" "	20	1008	84	76	76	3	2	030-8-4	84	11	060	128-9-5
0900	1-18S	173-28W	Few Clds	20	1009	84	76	76	3	2	070-6-3	84	10	070	128 9.5
1000	1-25S	173-21W	"	20	1009	84	76	76	3	2	020-6-3	84	10	070	128 9.5
1100	1-33S	173-13W	"	20	1009	80	77	91	3	2	020-6-3	84	10	070	125 9.5
1200	1-39S	173-06W	"	20	1009	80	77	91	3	2	020-6-3	84	10	070	128 9.5
1300	1-43S	173-02W	PtCldy	20	1008	84	77	80	5	4	020-6-3	84	9	060	125-9.5
1400	1-45S	172-52W	" "	20	1007	84	77	80	5	3	020-6-3	84	11	060	125-9.5
1500	1-51S	172-52W	" "	20	1008	84	77	80	3	1	050-6-4	84	11	070	125 10
1600	1-58S	172-45W	" "	20	1007	84	77	80	2	1	050-6-4	84	6	120	125 10
1700	2-02S	172-38W	" "	20	1007	84	77	80	3	2	045-6-4	84	10	075	125-10
1800	2-06S	172-33W	" "	20	1007	84	77	80	4	3	045-6-4	84	10	075	125-10.5
1900	2-12S	172-25W	" "	20	1008	84	77	80	4	3	045-6-4	84	10	075	125-10.5
2000	2-19S	172-16W	" "	20	1008	84	77	80	3	2	045-6-4	85	10	075	125-10-5
2100															
2200															
2300															
2400															

REMARKS:

ALL TIMES LOCAL (~~WHISKEY~~ XRAY); WIND DIR. IN WHOLE DEGREES; WIND SPEED IN KNOTS; TEMPERATURES IN FAHRENHEIT; VISIBILITY IN NAUTICAL MILES; WAVES IN WHOLE DEGREES; WAVE PERIOD IN SECONDS; WAVE HEIGHT IN WHOLE FEET; SEA LEVEL PRESSURE IN MILLIBARS

SI-MNH-955b
Rev. 4-9-64

SMITHSONIAN INSTITUTION
DIVISION OF BIRDS
AT SEA CLIMATOLOGICAL DATA

DATE 7 March 1966

TIME	LAT	LONG	PRES WEA	VIS	SLP	DRY B	DEW PT	HUM %	TL SKY	OPA SKY	WAVES	SEA TEMP	WIND S	WIND D	SHIP COURSE/SPD.
0100			CANTON			ISLAND									
0200															
0300	2-44 S	171-42 W	Fog cl ds	20	1008	84	77	80	1	0	Calm	84	5	120	072 9.5
0400	2-42 S	171-34 W	" "	20	1008	84	77	80	1	0	250-5-3	84	5	120	072 9
0500	2-37 S	171-25 W	" "	20	1008	84	77	80	3	2	060-6-4	85	10	090	072 - 9
0600	2-35 S	171-17 W	" "	20	1009	84	73	74	3	2	060-6-4	85	13	090	075 - 9
0700	2-32 S	171-08 W	" "	20	1009	85	73	74	3	2	060-6-4	85	12	090	075 - 9
0800	2-29 S	170-59 W	" "	20	1009	85	73	74	3	2	060-6-4	86	11	090	075 - 9
0900	2-27 S	170-50 W	PARTLY CLD.	20	1010	86	78	77	5	4	060-6-4	86	14	110	075 - 9.5
1000	2-24 S	170-43 W	"	20	1010	86	78	77	5	4	060-6-4	86	14	110	075-9.5
1100	2-22 S	170-35 W	"	20	1010	86	78	77	5	4	060-6-4	86	14	110	075-9.5
1200	2-19 S	170-26 W	"	20	1010	26	78	77	5	4	060-6-4	86	14	110	075-9.5
1300	2-16 S	170-17 W	" "	20	1009	88	77	71	3	1	060-6-4	85	13	110	075-9.5
1400	2-14 S	170-10 W	" "	20	1008	86	77	71	3	1	060-6-4	85	13	110	075-9.5
1500	2-11 S	170-03 W	" "	20	1008	86	76	73	2	0	060-6-4	85	11	110	075-9.5
1600	2-08 S	169-54 W	" "	20	1007	86	76	73	2	0	060-6-4	85	11	110	075-9.5
1700	2-06 S	169-44 W	" "	20	1007	85	77	77	3	2	060-6-4	85	12	100	075 - 9
1800	2-03 S	169-36 W	" "	20	1007	85	77	77	4	3	060-6-4	85	12	100	075 - 9
1900	1-59 S	169-27 W	" "	20	1007	85	77	77	4	3	060-6-4	85	12	110	075 - 9
2000	1-57 S	169-19 W	" "	20	1008	85	77	77	4	3	060-6-4	85	12	110	075 - 9
2100	1-54 S	169-10 W	"	20	1009	84	77	80	4	2	070-6-4	85	12	110	075 - 9.5
2200	1-51 S	169-00 W	"	20	1009	84	77	80	4	2	070-6-4	85	12	110	075 - 9.5
2300	1-49 S	168-51 W	"	20	1010	84	77	80	4	2	070-6-4	85	12	110	075 - 9.5
2400	1-45 S	168-41 W	"	20	1010	84	77	80	4	2	070-6-4	85	12	110	075 9.5

REMARKS:

ALL TIMES LOCAL (WHISKEY); WIND DIR. IN WHOLE DEGREES; WIND SPEED IN KNOTS; TEMPERATURES IN FAHRENHEIT; VISIBILITY IN NAUTICAL MILES; WAVES IN WHOLE DEGREES; WAVE PERIOD IN SECONDS; WAVE HEIGHT IN WHOLE FEET; SEA LEVEL PRESSURE IN MILLIBARS

DATE 8 March 1966 AD.

TIME	LAT	LONG	PRES WEA	VIS	SLP	DRY B	DEW PT	HUM%	TL SKY	OPA SKY	WAVES	SEA TEMP	WIND S	WIND D	SHIP COURSE/SPD.
0100	1-43 S	167-33 W	Cloudy	20	1009	84	76	76	9	3	080-6-4	85	13	090	075 - 9.5
0200	1-39 S	168-24 W	"	20	1008	84	76	76	9	5	070-6-4	85	12	090	075 - 9.5
0300	1-36 S	168-14 W	"	20	1008	84	77	80	7	5	070-6-4	85	13	110	075 9.5
0400	1-33 S	168-05 W	"	20	1009	84	77	80	6	5	075-5-4	84	14	080	075 9
0500	1-29 S	168-01 W	"	20	1009	84	77	80	6	4	075-5-4	84	16	075	075 - 9
0600	1-26 S	167-52 W	"	20	1009	84	74	73	6	4	075-5-4	84	16	075	075 - 9
0700	1-23 S	167-44 W	"	20	1009	84	74	73	6	4	075-5-4	84	16	075	077 - 9
0800	1-20 S	167-35 W	"	20	1010	84	74	73	6	4	075-5-4	84	16	075	077 - 9
0900	1-18 S	167-26 W	Fewlds	20	1010	83	76	73	1	1	070-5-5	84	15	090	077 9
1000	1-14 S	167-16 W	"	20	1010	86	76	73	1	1	070-5-5	84	12	080	077 9
1100	1-12 S	167-01 W	"	20	1010	86	76	73	1	1	070-5-5	84	12	090	075 9
1200	1-14 S	167-02 W	"	20	1010	86	76	73	1	1	070-5-5	84	12	080	077 9
1300	1-12 S	166-53 W	" "	20	1008	86	76	73	3	1	070-5-5	84	13	080	075 9
1400	1-12 S	166-46 W	" "	20	1008	86	76	70	2	1	060-5-5	84	16	070	075 9
1500	1-07 S	166-37 W	" "	20	1007	86	76	70	1	0	060-5-5	84	16	080	075 9
1600	1-05 S	166-29 W	" "	20	1006	86	76	70	1	0	060-5-5	84	14	070	075 9
1700	1-00 S	166-24 W	" "	20	1006	85	76	73	1	0	075-5-5	84	12	075	075 - 9
1800	0-57 S	166-16 W	" "	20	1007	84	74	73	1	0	075-5-5	84	14	075	075 - 9
1900	0-54 S	166-07 W	" "	20	1007	84	74	73	1	0	075-5-5	84	14	075	075 - 9
2000	0-51 S	165-58 W	" "	20	1007	84	74	73	1	0	075-5-5	84	14	075	075 - 9
2100	0-49 S	165-50 W	"	20	1007	83	74	73	1	1	075-5-5	84	15	075	075 9.0
2200	0-46 S	165-41 W	"	20	1010	83	74	73	1	1	075-5-5	84	15	075	075 9.0
2300	0-43 S	165-32 W	"	20	1010	83	74	73	1	1	075-5-5	84	15	075	075 9.0
2400	0-40 S	165-22 W	"	20	1010	83	74	73	1	1	075-5-5	84	15	075	075 9.0

REMARKS:

ALL TIMES LOCAL (~~WHISKEY~~ XRAY); WIND DIR. IN WHOLE DEGREES; WIND SPEED IN KNOTS; TEMPERATURES IN FAHRENHEIT; VISIBILITY IN NAUTICAL MILES; WAVES IN WHOLE DEGREES; WAVE PERIOD IN SECONDS; WAVE HEIGHT IN WHOLE FEET; SEA LEVEL PRESSURE IN MILLIBARS

SI-MNH-955
12-5-63

DATE 2 March 1966

TIME	LAT	LONG	PRES WEA	VIS	SLP	DRY B	DEW PT	HUM%	TL SKY	OPA SKY	WAVES	SEA TEMP	WIND S	WIND D	SHIP COURSE/SPD.
0100	0-37 S	165-16 W	Few Clds	20	1009	82	75	80	1	0	050-7-5	84	15	070	075 9
0200	0-35 S	165-08 W	" "	20	1009	82	75	80	2	0	050-7-5	84	15	070	075 9
0300	0-33 S	165-01 W	" "	20	1009	82	75	80	1	0	050-7-5	84	15	070	025 9
0400	0-31 S	164-52 W	" "	20	1008	82	75	80	1	0	050-7-5	83	15	080	025 9
0500	0-23 S	164-41 W	CLEAR	20	1009	83	75	76	0	0	080-5-4	83	11	080	025 9
0600	0-20 S	164-33 W	CLEAR	20	1010	83	75	76	1	0	080-5-4	83	11	080	075 9
0700	0-17 S	164-24 W	CLEAR	20	1010	83	75	76	1	0	080-5-4	83	11	080	075 9
0800	0-13 S	164-16 W	Few Clouds	20	1010	84	76	76	1	0	080-5-4	83	11	080	075 9
0900	0 10	164-06 W	"	20	1010	86	76	73	2	1	080-5-4	84	7	080	075 9.5
1000	0-07 S	163-56 W	"	20	1010	86	76	73	2	1	080-5-4	84	8	080	075-9.5
1100	0-04 S	163-47 W	"	20	1010	86	76	73	2	1	080-5-4	84	8	080	075-9.5
1200	0-01 S	163-38 W	"	20	1010	86	76	73	2	1	080-5-4	84	8	080	075-9.5
1300	0-03 N	163-29 W	"	20	1009	86	76	72	1	0	080-5-4	83	14	090	075-9.5
1400	0-05 N	163-21 W	"	20	1008	86	76	73	1	0	080-5-4	83	11	090	075-9.5
1500	0-08 N	163-12 W	"	20	1008	86	76	73	1	0	080-5-4	83	10	090	075 9.5
1600	0-11 N	163-04 W	"	20	1007	86	76	73	1	0	080-5-4	83	9	095	075 9.5
1700	0-15 N	162-54 W	"	20	1008	84	76	76	2	1	090-5-4	83	9	100	075-9.5
1800	0-19 N	162-54 W	"	20	1008	84	76	76	2	1	090-5-4	83	9	100	075-9.5
1900	0-22 N	162-45 W	"	20	1009	83	75	76	2	1	090-5-4	83	9	090	075-9.5
2000	0-25 N	162-36 W	"	20	1009	83	75	76	2	1	090-5-4	83	9	090	075-9.5
2100	0-28 N	162-27 W	Partly Cldy	20	1010	83	75	76	6	5	110-5-4	83	10	110	075-9.5
2200	0-31 N	162-18 W	"	20	1010	83	75	76	6	5	110-5-3	83	10	110	075-9.5
2300	0-34 N	162-09 W	"	20	1010	83	75	76	6	5	110-5-3	83	10	110	075-9.5
2400	0-36 N	162-03 W	"	20	1010	83	75	76	6	5	110-5-3	83	10	110	075-9.5

REMARKS:

ALL TIMES LOCAL (~~WHISKEY~~ XRAY); WIND DIR. IN WHOLE DEGREES; WIND SPEED IN KNOTS; TEMPERATURES IN FAHRENHEIT; VISIBILITY IN NAUTICAL MILES; WAVES IN WHOLE DEGREES; WAVE PERIOD IN SECONDS; WAVE HEIGHT IN WHOLE FEET; SEA LEVEL PRESSURE IN MILLIBARS

SI-MNH-955
12-5-63

DATE 10 March 1966

TIME	LAT	LONG	PRES WEA	VIS	SLP	DRY B	DEW PT	HUM %	TL SKY	OPA SKY	WAVES	SEA TEMP	WIND S	WIND D	SHIP COURSE/SPD.
0100	0-39 N	161-53 W	Cldy w/ rain	15	1010	80	77	91	9	9	110-5-3	82	10	110	075 9.5
0200	0-41 N	161-48 W	Mtly Cldy	20	1009	82	77	91	7	6	110-5-3	82	10	110	075 9.5
0300	0-44 N	161-39 W	" "	20	1009	82	77	84	9	5	110-5-3	82	8	110	075 9.5
0400	0-42 N	161-31 W	" "	20	1009	82	77	84	5	3	110-5-3	82	8	110	075-9.5
0500	0-55 N	161-21 W	" "	20	1009	82	77	84	5	4	110-5-4	82	7	100	075-9.5
0600	0-57 N	161-14 W	" "	20	1009	83	76	73	4	3	110-5-4	82	7	100	075-9.5
0700	1-01 N	161-06 W	" "	20	1010	83	76	73	4	3	110-5-4	82	7	100	075-9.5
0800	1-04 N	160-57 W	" "	20	1010	83	77	80	5	4	100-5-4	82	7	100	075-9.5
0900	1-06 N	160 48 W	"	20	1011	85	76	76	7	6	110-5-4	82	8	110	081 9.5
1000	1-08 N	160 40 W	"	20	1011	85	76	76	7	6	110-5-4	82	8	110	081 9.5
1100	1-09 N	160-33 W	"	20	1012	85	76	76	7	6	110-5-4	82	8	110	081 9.5
1200	1-11 N	160-24 W	"	20	1012	85	76	76	7	6	110-5-4	82	8	110	081 9.5
1300	1-13 N	160-15 W	"	20	1009	86	78	77	6	3	110-5-4	82	8	110	081 9.5
1400	1-16 N	160-07 W	"	20	1009	86	78	77	7	4	110-5-4	82	8	110	081 9.5
1500	1-18 N	159-58 W	"	20	1009	86	78	77	8	6	110-5-4	82	7	120	081 9.5
1600	1-20 N	159-49 W	"	20	1008	86	78	77	8	7	110-5-4	83	7	110	081 9.5
1700	1-23 N	159-44 W	PART CLDY	20	1008	85	76	76	6	5	110-5-4	83	8	090	VARIOUS
1800	1-24 N	159-38 W	" "	20	1009	85	76	76	6	5	110-5-4	83	8	090	VARIOUS
1900	1-26 N	159-32 W	" "	20	1009	84	77	80	7	6	110-5-4	83	8	100	081-9.5
2000	1-28 N	159-23 W	CLDY	20	1010	84	77	80	8	7	110-5-4	83	8	100	081-9.5
2100	1-31 N	159-13 W	Few Clouds	20	1010	84	77	80	1	1	110-5-3	83	6	090	081-9.5
2200	1-34 N	159-04 W	"	20	1011	84	77	80	1	1	110-5-3	82	6	090	081-9.5
2300	1-36 N	158-55 W	"	20	1011	84	77	80	1	1	110-5-3	82	6	090	081-9.5
2400	1-39 N	158-46 W	"	20	1011	84	77	80	1	1	110-5-3	82	6	090	081-9.5

REMARKS:

ALL TIMES LOCAL (WHISKEY); WIND DIR. IN WHOLE DEGREES; WIND SPEED IN KNOTS; TEMPERATURES IN FAHRENHEIT; VISIBILITY IN NAUTICAL MILES; WAVES IN WHOLE DEGREES; WAVE PERIOD IN SECONDS; WAVE HEIGHT IN WHOLE FEET; SEA LEVEL PRESSURE IN MILLIBARS

SI-MNH-955
12-5-63

DATE 11 March 1966

TIME	LAT	LONG	PRES WEA	VIS	SLP	DRY B	DEW PT	HUM%	TL SKY	OPA SKY	WAVES	SEA TEMP	WIND S	WIND D	SHIP COURSE/SPD.
0100	1-41 N	158-37 W	Pt Cldy	20	1010	82	77	84	1	0	110-5-3	82	6	40	081 9.5
0200	1-43 N	158-28 W	" "	20	1010	82	77	84	2	0	110-5-3	82	5	40	081 9.5
0300	1-46 N	158-19 W	" "	20	1009	82	77	84	2	0	110-5-3	82	4	ESE	081 9.5
0400	1-48 N	158-10 W	" "	20	1009	82	77	84	2	0	115-5-3	82	4	ESE	081 9.5
0500	1-52 N	158-01 W	" "	20	1009	82	75	80	4	3	CONF	83	"		081 9-5
0600	1-55 N	157-52 W	" "	20	1009	82	75	80	5	4	"	83	"		081 9-5
0700	1-57 N	157-42 W	" "	20	1009	82	75	80	6	5	"	83	"		081 9-5
0800	1-57 N	157-33 W	" "	20	1010	82	75	80	7	6	"	83	"		VARIOUS
0900															
1000															
1100															
1200		CHRISTMAS		IS.											
1300															
1400															
1500															
1600															
1700															
1800															
1900															
2000															
2100															
2200															
2300															
2400															

REMARKS:

ALL TIMES LOCAL (WHISKEY); WIND DIR. IN WHOLE DEGREES; WIND SPEED IN KNOTS; TEMPERATURES IN FAHRENHEIT; VISIBILITY IN NAUTICAL MILES; WAVES IN WHOLE DEGREES; WAVE PERIOD IN SECONDS; WAVE HEIGHT IN WHOLE FEET; SEA LEVEL PRESSURE IN MILLIBARS

SI-MNH-955
12-5-63

DATE 15 MARCH 1966

TIME	LAT	LONG	PRES WEA	VIS	SLP	DRY B	DEW PT	HUM %	TL SKY	OPA SKY	WAVES	SEA TEMP	WIND S	WIND D	SHIP COURSE/SPD.
0100															
0200															
0300		(CHRISTMAS IS.)													
0400															
0500	2-12 N	157-33 W	PARTLY CLDY	20	1007	82	77	84	4	3	CONF	84	10	110	000 - 11
0600	2-23 N	157-34 W	" "	20	1007	83	78	84	4	3	CONF	84	10	110	000 - 11
0700	2-35 N	157-36 W	" "	20	1008	83	78	84	4	3	040-6-8	84	10	090	000 - 11
0800	2-46 N	157-38 W	" "	20	1008	85	76	76	4	4	045-6-8	84	15	100	000 - 11
0900	2-57 N	157-38 W	"	20	1009	84	76	76	5	3	Conf-8	84	15	105	005 - 10.5
1000	3-07 N	157-38 W	"	20	1009	84	76	76	5	3	" 8	84	15	105	005 - 10.5
1100	3-17 N	157-38 W	"	20	1009	84	76	76	5	3	" 8	84	15	105	005 - 10.5
1200	3-28 N	157-38 W	"	20	1009	84	76	76	5	3	" 8	84	15	105	005 - 10.5
1300	3-36 N	157-38 W	"	20	1007	84	77	80	6	4	" 8	84	15	090	005 10.5
1400	3-46 N	157-39 W	"	20	1006	84	77	80	6	5	045-7-8	84	15	090	005 10.5
1500	3-57 N	157-39 W	"	20	1006	83	76	80	8	7	045-7-8	84	17	090	005 10.5
1600	4-08 N	157-39 W	"	20	1006	83	76	80	9	7	045-8-10	84	17	090	005 10.5
1700	4-18 N	157-33 W	Cloudy	20	1007	82	77	84	8	7	045-6-8	84	17	090	005 - 10.5
1800	4-28 N	157-33 W	"	20	1007	81	77	87	8	7	045-6-8	84	16	090	005 - 10.5
1900	4-38 N	157-32 W	Coast	10	1008	80	77	91	10	10	045-6-8	84	15	085	005 - 10.5
2000	4-49 N	157-32 W	"	15	1008	80	77	91	10	10	045-6-8	84	15	075	005 - 10.5
2100	5-00 N	157-32 W	Cloudy	20	1009	83	75	80	5	3	045-6-7	84	15	060	000 - 10.5
2200	5-10 N	157-32 W	Few Clds	20	1009	83	75	80	2	1	045-6-7	84	15	060	000 10.5
2300	5-20 N	157-33 W	Clear	20	1009	83	75	80	1	1	045-6-7	84	15	060	000 - 10.5
2400	5-31 N	157-37 W	Clear	20	1009	83	75	80	0	0	045-6-7	84	15	060	000 - 10.5

REMARKS:

ALL TIMES LOCAL (WHISKEY); WIND DIR. IN WHOLE DEGREES; WIND SPEED IN KNOTS; TEMPERATURES IN FAHRENHEIT; VISIBILITY IN NAUTICAL MILES; WAVES IN WHOLE DEGREES; WAVE PERIOD IN SECONDS; WAVE HEIGHT IN WHOLE FEET; SEA LEVEL PRESSURE IN MILLIBARS

SI-MNH-955
12-5-63

DATE 16 March 1966

TIME	LAT	LONG	PRES WEA	VIS	SLP	DRY B	DEW PT	HUM%	TL SKY	OPA SKY	WAVES	SEA TEMP	WIND S	WIND D	SHIP COURSE/SPD.
0100	5-41 N	157-34 W	Clear	20	1008	82	77	84	0	0	045-7-10	83	17	060	000 10.5
0200	5-51 N	157-24 W	Few Clds	20	1005	82	77	84	1	0	045-7-10	83	21	060	000 10.5
0300	6-01 N	157-34 W	Ptly Cldy	20	1007	82	77	84	5	4	045-7-10	83	21	060	000 10.5
0400	6-12 N	157-34 W	" "	20	1007	82	77	84	5	4	045-7-10	83	22	065	000 10.5
0500	6-18 N	157-30 W	" "	20	1007	82	77	84	5	4	045-6-12	82	20	090	000 - 10-2
0600	6-28 N	157-30 W	" "	20	1008	82	77	84	5	4	045-6-12	82	20	085	000 - 10-0
0700	6-38 N	157-30 W	Cloudy	20	1009	82	77	84	7	6	045-6-12	82	20	085	000 - 10-0
0800	6-48 N	157-30 W	"	20	1010	82	77	84	7	6	045-6-12	82	20	085	000 - 10-2
0900	6-58 N	157-32 W	"	20	1010	83	76	80	6	5	045-6-10	82	20	060	000 10.2
1000	7-08 N	157-32 W	"	20	1011	83	76	80	6	5	045-6-10	82	20	060	000 10.2
1100	7-18 N	157-30 W	"	20	1011	83	76	80	6	5	045-6-10	82	20	062	000 10.2
1200	7-28 N	157-30 W	"	20	1011	83	76	80	6	5	045-6-10	82	20	060	000 10.2
1300	7-31 N	157-29 W	Ptly Cldy	20	1009	83	76	80	4	2	045-6-10	83	22	065	000 10
1400	7-40 N	157-29 W	" "	20	1009	83	76	80	2	1	045-6-12	82	22	065	000 10
1500	7-49 N	157-29 W	" "	20	1008	81	76	83	2	1	045-6-12	82	21	065	000 10
1600	7-59 N	157-29 W	" "	20	1008	81	76	83	2	1	045-6-12	82	20	085	000 10
1700	8-18 N	157-31 W	" "	20	1008	82	77	84	2	1	045-6-12	82	19	080	000 - 10
1800	8-28 N	157-31 W	" "	20	1009	82	77	84	2	1	050 7-12	82	18	080	000 - 10
1900	8-39 N	157-31 W	" "	20	1009	82	77	84	3	2	050 7-12	82	17	080	000 - 10
2000	8-49 N	157-31 W	" "	20	1010	82	77	84	3	2	050-7-12	82	17	080	000 - 10
2100	8-59 N	157-32 W	Few Clds	20	1010	79	74	87	1	1	050-6-10	82	15	080	000 - 10
2200	9-09 N	157-32 W	"	20	1011	79	74	87	1	1	050-6-10	82	15	080	000 - 10
2300	9-19 N	157-32 W	"	20	1011	79	74	87	1	1	050-6-10	82	15	080	000 - 10
2400	9-29 N	157-32 W	"	20	1011	79	74	87	1	1	050-6-10	82	15	080	000 - 10

REMARKS:

ALL TIMES LOCAL (WHISKEY); WIND DIR. IN WHOLE DEGREES; WIND SPEED IN KNOTS; TEMPERATURES IN FAHRENHEIT; VISIBILITY IN NAUTICAL MILES; WAVES IN WHOLE DEGREES; WAVE PERIOD IN SECONDS; WAVE HEIGHT IN WHOLE FEET; SEA LEVEL PRESSURE IN MILLIBARS

SI-MNH-955
12-5-63

DATE 17 March 1966

TIME	LAT	LONG	PRES WEA	VIS	SLP	DRY B	DEW PT	HUMD %	TL SKY	OPA SKY	WAVES	SEA TEMP	WIND S	WIND D	SHIP COURSE/SPD.
0100	9-38 N	157-32 W	Few Clds	20	1011	80	74	83	3	1	050-4-8	82	12	060	000 10.5
0200	9-48 N	157-32 W	" "	20	1010	80	74	83	1	0	050-4-8	82	12	060	000 10.5
0300	9-58 N	157-32 W	" "	20	1010	80	74	83	2	1	050-6-8	82	13	070	000 10.5
0400	10-08 N	157-32 W	Mly Clds	20	1010	80	74	83	7	6	050-6-8	82	13	070	000 10.5
0500	10-23 N	157-33 W	" "	20	1010	79	73	83	6	5	050-6-8	80	11	080	000 10.5
0600	10-33 N	157-33 W	" "	20	1011	78	74	87	6	5	050-6-7	80	11	080	000 10.5
0700	10-44 N	157-34 W	CLOUDY	20	1012	78	74	83	9	8	050-6-7	80	12	080	000 10.5
0800	10-55 N	157-34 W	"	20	1012	77	74	91	10	10	050-6-7	80	12	080	000 10.5
0900	11-05 N	157-35 W	"	20	1012	79	75	87	10	10	050-6-7	80	13	080	000 10.5
1000	11-15 N	157-36 W	"	20	1013	79	75	87	10	10	070-6-7	80	17	080	000 10.5
1100	11-26 N	157-37 W	"	20	1012	80	74	83	10	10	070-6-8	80	17	080	000 10.5
1200	11-37 N	157-37 W	"	20	1012	80	74	83	10	10	070-6-8	80	20	080	000 10.5
1300	11-45 N	157-37 W	Clear	20	1011	79	75	87	10	10	070-6-12	80	22	085	000 10.5
1400	11-55 N	157-39 W	"	20	1011	79	75	87	10	10	070-8-12	80	23	085	000 10.5
1500	12-06 N	157-42 W	Mly Clds	20	1010	80	74	83	9	8	070-8-12	80	18	070	000 10.5
1600	12-16 N	157-42 W	" "	20	1009	79	73	83	8	6	070-6-12	80	17	070	000 10.5
1700	12-19 N	157-39 W	" "	20	1009	79	73	83	8	7	065-7-10	79	17	070	000 10
1800	12-29 N	157-39 W	CLOUDY	20	1010	78	74	87	9	8	065-7-10	79	15	070	000 - 10
1900	12-39 N	157-39 W	"	20	1011	78	74	87	9	8	065-7-10	79	17	070	000 -10
2000	12-49 N	157-39 W	"	20	1011	78	74	87	9	8	065-7-10	79	17	070	000 -10
2100	12-59 N	157-39 W	Clear	20	1012	78	74	87	1	1	070-6-10	79	15	070	000 - 10.5
2200	13-09 N	157-39 W	"	20	1012	78	74	87	1	1	070-6-10	79	15	070	000 - 10.5
2300	13-19 N	157-39 W	"	20	1013	78	74	87	1	1	070-6-10	79	15	070	000 - 10.5
2400	13-29 N	157-39 W	"	20	1013	78	74	87	1	1	070-6-10	79	15	070	000 - 10.5

REMARKS:

ALL TIMES LOCAL (WHISKEY); WIND DIR. IN WHOLE DEGREES; WIND SPEED IN KNOTS; TEMPERATURES IN FAHRENHEIT; VISIBILITY IN NAUTICAL MILES; WAVES IN WHOLE DEGREES; WAVE PERIOD IN SECONDS; WAVE HEIGHT IN WHOLE FEET; SEA LEVEL PRESSURE IN MILLIBARS

SI-MNH-955
12-5-63

DATE 18 March 1966

TIME	LAT	LONG	PRES WEA	VIS	SLP	DRY B	DEW PT	HUM %	TL SKY	OPA SKY	WAVES	SEA TEMP	WIND S	WIND D	SHIP COURSE/SPD.
0100	13-41N	157-40W	Ptly Cldy	15	1014	76	73	91	7	7	070-8-10	79	18	060	000 10.5
0200	13-51N	157-40W	Dicrat Mnlr	10	1013	76	73	91	10	9	070-8-10	79	18	060	000 10.5
0300	14-02N	157-40W	Ptly Cldy	15	1013	76	73	91	8	7	070-8-10	79	18	060	000 10.5
0400	14-12N	157-40W	" "	15	1012	76	73	91	4	2	070-8-10	79	18	060	000 10.5
0500	14-24N	157-47W	FEW CLDS	20	1012	76	73	91	3	2	070-6-7	79	23	060	000 10.5
0600	14-34N	157-48W	" "	20	1013	77	70	79	3	2	050-6-7	79	23	060	000 10.5
0700	14-44N	157-49W	" "	20	1013	78	69	75	3	2	050-6-7	79	20	060	005 - 10.5
0800	14-54N	157-49W	" "	20	1013	79	69	72	3	2	050-6-7	79	19	060	005 - 10.5
0900	15-05N	157-48W	"	20	1014	78	71	79	2	1	070-6-5	79	15	080	005 10.5
1000	15-15N	157-48W	"	20	1014	78	71	79	1	1	070-6-5	79	15	080	005 10.5
1100	15-25N	157-47W	"	20	1015	78	71	79	1	1	070-6-5	79	15	080	005 10.5
1200	15-36N	157-47W	"	20	1015	78	71	79	1	1	070-6-5	79	15	080	005 10.5
1300	15-46N	157-47W	" "	20	1014	77	71	82	1	0	070-8-10	79	17	080	005 10.5
1400	15-56N	157-46W	" "	20	1013	77	71	82	1	0	070-8-10	79	19	080	005 10.5
1500	16-07N	157-46W	" "	20	1013	77	71	82	2	1	070-8-10	79	18	080	005 10.5
1600	16-17N	157-45W	" "	20	1013	78	72	83	2	1	070-8-10	78	17	090	005 10.5
1700	16-32N	157-48W	" "	20	1013	78	72	83	2	1	070-7-7	78	16	090	005 10.5
1800	16-43N	157-47W	" "	20	1013	77	71	82	2	1	070-7-7	78	16	090	005 10.5
1900	16-54N	157-47W	PART CLDY	20	1014	77	71	82	3	2	070-7-7	78	16	090	005 10.5
2000	17-05N	157-47W	" "	20	1015	77	71	82	5	4	070-7-7	78	16	090	005 10.5
2100	17-16N	157-47W	Cloudy	20	1015	75	71	91	7	5	090-6-6	78	15	090	005 11.0
2200	17-27N	157-47W	"	20	1016	75	71	91	7	5	090-6-6	78	15	090	005 11.0
2300	17-38N	157-47W	"	20	1016	75	71	91	7	5	090-6-6	78	15	090	005 11.0
2400	17-49N	157-47W	"	20	1016	75	71	91	7	5	090-6-6	78	15	090	005 11.0

REMARKS:

ALL TIMES LOCAL (WHISKEY); WIND DIR. IN WHOLE DEGREES; WIND SPEED IN KNOTS; TEMPERATURES IN FAHRENHEIT; VISIBILITY IN NAUTICAL MILES; WAVES IN WHOLE DEGREES; WAVE PERIOD IN SECONDS; WAVE HEIGHT IN WHOLE FEET; SEA LEVEL PRESSURE IN MILLIBARS

SI-MNH-955
12-5-63

DATE 19 March 1966

TIME	LAT	LONG	PRES WEA	VIS	SLP	DRY B	DEW PT	HUM%	TL SKY	OPA SKY	WAVES	SEA TEMP	WIND S	WIND D	SHIP COURSE/SPD.
0100	18-00N	157-47W	PTLY CLDY	20	1016	75	72	91	6	3	090-6-6	78	18	100	005 11.0
0200	18-16N	157-47W	" "	20	1016	75	71	87	6	2	090-6-6	78	19	110	005 11.0
0300	18-26N	157-47W	" "	20	1015	75	71	87	4	1	090-6-8	78	19	120	005 11.0
0400	18-31N	157-47W	" "	20	1015	75	71	87	3	2	090-6-8	78	19	120	005 11.0
0500	18-42N	157-43W	" "	20	1015	76	70	72	5	4	090-6-8	76	22	120	005 - 11.0
0600	18-57N	157-42W	" "	20	1016	76	70	72	7	6	090-6-8	76	22	120	005 - 11.0
0700	19-04N	157-43W	CLOUDY	20	1017	76	70	72	9	8	090-6-8	76	22	120	356 - 11.0
0800	19-15N	157-44W	"	20	1017	77	70	78	9	8	090-6-8	76	22	120	356 - 11.0
0900	19-22N	157-47W	O'CAST	20	1018	75	69	82	9	8	060-6-8	76	15	060	356 11.0
1000	19-36N	157-47W	"	20	1018	75	69	82	9	8	060-6-8	76	15	060	356 11.0
1100	19-46N	157-47W	"	20	1018	75	69	82	9	8	060-6-8	76	15	060	356 11.0
1200	19-57N	157-48W	"	20	1018	75	69	82	9	8	060-6-8	76	15	060	356 11.0
1300	20-01N	157-48W	PTLY CLDY	20	1017	75	69	82	1	0	060-6-8	76	23	085	356 10.5
1400	20-11N	157-48W	" "	20	1016	75	69	82	1	0	060-6-8	76	20	085	356 10.5
1500	20-21N	157-54W	" "	20	1016	76	64	70	1	0	060-6-8	76	11	075	356 10.5
1600	20-32N	157-54W	" "	20	1015	76	62	70	1	0	060-6-8	76	4-5	002	10.5
1700	20-42N	157-58W	" "	20	1016	75	71	87	2	1	060-6-7	76	8	020	002 - 9.5
1800	20-52N	157-58W	" "	20	1016	75	71	87	2	1	060-6-7	76	8	020	002 - 9.5
1900	21-02N	157-57W	" "	20	1017	75	71	87	2	1	060-6-7	76	8	020	002 - 9.5
2000	21-06N	157-56W	" "	20	1017	75	71	87	2	1	060-6-7	76	8	020	ANCHORED
2100															
2200															
2300															
2400															

REMARKS:

ALL TIMES LOCAL (WHISKEY); WIND DIR. IN WHOLE DEGREES; WIND SPEED IN KNOTS; TEMPERATURES IN FAHRENHEIT; VISIBILITY IN NAUTICAL MILES; WAVES IN WHOLE DEGREES; WAVE PERIOD IN SECONDS; WAVE HEIGHT IN WHOLE FEET; SEA LEVEL PRESSURE IN MILLIBARS

SI-MNH-955
12-5-63

SI-MNH-955b
Rev. 4-9-64

SMITHSONIAN INSTITUTION
DIVISION OF BIRDS
AT SEA CLIMATOLOGICAL DATA

DATE 1 MARCH 1966

TIME	LAT	LONG	PRES WEA	VIS	SLP	DRY B	DEW PT	HUM %	TL SKY	OPA SKY	WAVES	SEA TEMP	WIND S	WIND D	SHIP COURSE/SPD.
0100															
0200															
0300															
0400															
0500			AT		HOWLAND			ISLAND							
0600															
0700															
0800	0-49 N	176-48 W	Cloudy	20	1009	84	77	80	7	6	000-6-4	85	4K.	260	280 10K.
0900	0-50 N	176-56 W	"	20	1010	84	77	80	7	6	000-6-4	85	5	315	280 "
1000	0-52 N	177-07 W	"	20	1010	84	77	80	7	6	000-6-4	85	5	315	280 "
1100	0-54 N	177-18 W	"	20	1010	84	77	80	7	6	000-6-4	85	5	315	280 "
1200	0-56 N	177-29 W	"	20	1010	84	77	80	7	6	000-6-4	85	5	315	280 "
1300	0-58 N	177-39 W	"	20	1010	85	77	77	8	7	000-6-4	85	5	350	280 "
1400	0-56 N	177-51 W	"	20	1009	84	77	80	9	8	000-6-4	85	10	030	280 "
1500	1-01 N	177-54 W	"	20	1009	84	73	69	7	6	000-6-4	85	10	000	053 10
1600	1-08 N	177-42 W	"	20	1007	84	73	69	6	4	000-6-4	85	10	030	053 10
1700	1-12 N	177-42 W	"	20	1008	84	73	69	8	7	000-6-4	85	10	045	053 ~~10~~ 9
1800	1-16 N	177-35	"	20	1008	85	75	73	8	7	000-6-4	85	10	060	053 ~~10~~ 9
1900	1-20 N	177-29 W	"	20	1009	85	75	73	8	7	000-6-4	85	10	070	053 ~~10~~ 9
2000	1-23 N	177-20 W	"	20	1009	85	75	73	8	7	000-6-4	85	10	070	053 ~~10~~ 9
2100	1-30 N	177-15 W	Partly Cld.	20	1010	83	77	84	7	2	000-6-4	85	10	070	038 9.0
2200	1-37 N	177-10 W	"	20	1011	83	77	84	7	2	000-6-4	85	10	070	038 9.0
2300	1-44 N	177-04 W	"	20	1011	83	77	84	7	2	000-6-4	85	10	070	038 9.0
2400	1-51 N	176-58 W	"	20	1011	83	77	84	7	2	000-6-4	85	10	070	038 9.0

REMARKS:

ALL TIMES LOCAL (~~WHISKEY~~ +RAY); WIND DIR. IN WHOLE DEGREES; WIND SPEED IN KNOTS; TEMPERATURES IN FAHRENHEIT; VISIBILITY IN NAUTICAL MILES; WAVES IN WHOLE DEGREES; WAVE PERIOD IN SECONDS; WAVE HEIGHT IN WHOLE FEET; SEA LEVEL PRESSURE IN MILLIBARS

0 48 N 176 48 W

SI-MNH-955b
Rev. 4-9-64

SMITHSONIAN INSTITUTION
DIVISION OF BIRDS
AT SEA CLIMATOLOGICAL DATA

DATE 3 March 1966

TIME	LAT	LONG	PRES WEA	VIS	SLP	DRY B	DEW PT	HUM %	TL SKY	OPA SKY	WAVES	SEA TEMP	WIND S	WIND D	SHIP COURSE/SPD.
0100	0-13S	177-59W	Heat Lightning	10	1010	80	77	91	10	10	040-5-3	85	12	045	128 10
0200	0-21S	177-52W	" "	10	1010	80	77	91	10	10	040-5-3	85	Air		128 10
0300	0-28S	177-45W	" "	10	1009	80	77	91	10	10	040-5-3	85	0	Calm	128 10
0400	0-35S	177-32W	" "	10	1009	80	77	91	10	10	040-5-3	85	Air		128 10
0500	0-30S	177-37W	Cloudy	20	1009	81	75	83	7	6	020-6-4	85	5	045	050 - 9
0600	0-23S	177-32W	"	20	1009	81	75	83	7	6	020-6-4	85	6	045	050 - 9
0700	0-16S	177-26W	"	20	1010	82	77	84	6	5	010-6-4	85	7	045	050 - 9
0800	0-11S	177-18W	Part Cldy	20	1010	82	77	84	4	3	010-6-4	85	7	045	064 - 9
0900	0-06S	177-11W	Few Clds.	20	1011	84	77	80	4	1	045-5-4	85	7	090	064 9
1000	0-00 -	177-04W	"	20	1011	84	77	80	4	1	045-5-4	85	7	090	064 9
1100	0-01S	176-56W	"	20	1012	84	77	80	4	1	045-5-4	85	7	090	080 8.5
1200	0-00 -	176-48W	"	20	1012	84	77	80	4	1	045-5-4	85	7	090	080 8.5
1300	0-02N	176-40W	"	20	1010	84	76	76	7	2	045-5-4	85	11	150	080 8.5
1400	0-03N	176-36W	"	20	1008	84	76	76	5	3	045-5-4	85	9	170	Drifting
1500	0-05N	176-38W	"	20	1007	84	76	76	3	1	045-5-4	85	11	170	"
1600	0-08N	176-38W	"	20	1007	84	76	76	3	1	045-5-4	85	11	170	084 - 10
1700	0-09N	176-31W	"	20	1008	84	76	80	4	2	060-5-4	85	12	170	084 - 10
1800	0-11N	176-21W	"	20	1008	84	76	80	4	2	070-6-4	85	14	170	054 - 10
1900	0-12N	176-11W	"	20	1009	84	76	80	4	2	080-6-4	85	14	170	086 - 10
2000	0-13N	176-04W	"	20	1009	84	76	80	4	2	080-6-4	85	14	170	086 - ~~10~~ 7
2100	0-13N	175-59W	"	20	1010	84	76	80	3	3	135-5-3	85	6	135	086 6
2200	0-13N	175-54W	"	20	1010	84	76	80	3	3	135-5-3	85	6	135	086 6
2300	0-11N	175-57W	"	20	1010	84	76	80	3	3	135-5-3	85	6	135	195 4
2400	0-08N	176-02W	"	20	1010	84	76	80	3	3	135-5-3	85	6	135	195 4

REMARKS:

ALL TIMES LOCAL (WHISKEY); WIND DIR. IN WHOLE DEGREES; WIND SPEED IN KNOTS; TEMPERATURES IN FAHRENHEIT; VISIBILITY IN NAUTICAL MILES; WAVES IN WHOLE DEGREES; WAVE PERIOD IN SECONDS; WAVE HEIGHT IN WHOLE FEET; SEA LEVEL PRESSURE IN MILLIBARS

SI-MNH-955b
Rev. 4-9-64

SMITHSONIAN INSTITUTION
DIVISION OF BIRDS
AT SEA CLIMATOLOGICAL DATA

DATE 4 March 1966

TIME	LAT	LONG	PRES WEA	VIS	SLP	DRY B	DEW PT	HUM %	TL SKY	OPA SKY	WAVES	SEA TEMP	WIND S	WIND D	SHIP COURSE/SPD.
0100	0-05N	176-06W	Hy Cldy	20	1010	83	76	80	3	1	140-4-3	85	11	110	195 4
0200	0-01N	176-07W	" "	20	1009	83	76	80	3	1	140-4-3	85	11	110	195 4
0300	0-04S	176-10W	" "	20	1008	83	76	80	3	1	140-4-3	85	11	110	195 4
0400	0-06S	176-13W	" "	20	1008	83	76	80	4	2	140-4-3	85	9	120	195 4
0500	0-07S	176-16W	" "	20	1008	84	76	76	4	3	140-5-5	85	9	135	195-4
0600	0-10S	176-20W	" "	20	1008	84	76	76	4	3	140-5-5	85	9	135	195-4
0700	0-14S	176-24W	" "	20	1009	84	76	76	6	5	140-5-5	85	9	135	214-11
0800	0-22S	176-31W	" "	20	1009	84	76	76	6	5	140-5-5	84	9	135	214-11
0900	0-28S	176-38W	Cloudy	20	1009	85	74	73	8	2	160-5-5	84	10	160	214 11.0
1000	0-37S	176-47W	"	20	1009	85	74	73	8	2	160-5-5	84	10	160	214 11.0
1100	0-46S	176-53W	"	20	1009	85	74	73	8	2	160-5-5	84	10	160	212 11.0
1200	0-55S	177-01W	"	20	1009	82	74	77	8	2	160-5-5	84	10	160	212 11.0
1300	1-03S	177-02W	Hy Cldy	20	1008	87	76	71	8	6	160-5-5	84	11	160	125 9.5
1400	1-11S	176-58W	" "	20	1007	85	77	77	7	4	160-5-5	84	9	180	125 9.5
1500	1-17S	176-57W	" "	20	1006	85	77	77	8	6	160-5-5	84	5	200	125 9.5
1600	1-22S	176-48W	Stcast	20	1006	85	78	80	10	9	160-5-5	84	Anc		125 9.5
1700	1-17S	176-36W	"	20	1006	84	73	69	10	9	130-6-5	84	7	160	053-9-5
1800	1-11-ES	176-30W	"	20	1007	84	73	69	10	9	130-6-5	84	7	120	053-9-5
1900	1-07S	176-29W	"	20	1007	84	73	69	10	9	130-6-5	84	7	120	DRIFTING
2000	1-07S	176-31W	"	20	1007	84	73	69	10	8	130-6-5	84	5	120	"
2100	1-07S	176-32W	"	20	1008	82	75	80	10	2	Conf	84	10	070	"
2200	1-07S	176-34W	"	20	1008	82	75	80	10	2	"	84	10	070	"
2300	1-07S	176-36W	"	20	1008	82	75	80	10	2	"	84	10	070	"
2400	1-07S	176-37W	"	20	1008	82	75	80	10	2	"	84	10	070	"

REMARKS:

ALL TIMES LOCAL (~~WHISKEY~~ TRAX); WIND DIR. IN WHOLE DEGREES; WIND SPEED IN KNOTS; TEMPERATURES IN FAHRENHEIT; VISIBILITY IN NAUTICAL MILES; WAVES IN WHOLE DEGREES; WAVE PERIOD IN SECONDS; WAVE HEIGHT IN WHOLE FEET; SEA LEVEL PRESSURE IN MILLIBARS